UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-F-0009

CUSTOMER NUMBER: 1214

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Dept. Of Airforce U. S. Airforce Academy Dept. Of Biology Air Force Academy, CO 80840

Telephone: (719) -472-2720

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

-		I		al sheets if necessary or use APHIS Form 7023A)	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats		·			
6. Guinea Pigs					
7. Hamsters		2			2
8. Rabbits			-		
9. Non-human Primates					
10. Sheep					<del></del>
11. Pigs					<del></del>
12. G her Farm Animals					
13. Other Animals					
meadow voles		12 、			12
				4.4	

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservables teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately appro institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	DQUARTERS RESEARCH FACILITY OFFICIAL ror Legally Responsible Institutional Official)
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) RONALD D. REED, COLONEL, USAF

INSTITUTIONAL OFFICIAL

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-R-0001

CUSTOMER NUMBER: 1080

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

National Jewish Medical & Research Center 1400 Jackson St., Do 11a Denver, CO 80206

Telephone: (303) -398-1432

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAF	RCH FACILITY ( Attach addition	al sheets if necessary or use APHIS Form 7023A )	· ·
A.  Animals Covered  By The Animal  Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS
4. Dogs				2	
5. Cats				7.	
6. Guinea Pigs		(eO			60
7. Hamsters		25			25
8. Rabbits	42	27	18		45
9. Non-human Primates					, , ,
10. Sheep					
11. Pigs					
12. Other Farm Animals					
ν.					41
13. Other Animals					
				·	
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and application. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
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The second secon	and the provision of adequate veterinary care and to oversee the adequacy of other aspects of an	ilmal care and use.
	EADQUARTERS RESEARCH FACILITY OFFICIAL ter or Legally Responsible Institutional Official )	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIALI	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  Licatularie VP Low Casallinia affairs	DATE SIGNED
APHIS FORM 7023 (Replaces VS/FORM 18-23 (OCT 88) which is obsolete.)		

DEC - 1 2004

additional information.

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE: NUMBER: 84-R-0003
CUSTOMER NUMBER: 1195

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Colorado State University 203 Administration Fort Collins, CO 80523

Telephone: (303) -491-7364

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain distress, or use or pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	F.  TOTAL NUMBE OF ANIMALS  ( COLUMNS C + D + E
1. Dogs			185	60		245
5. Cats			189			189
6. Guinea Pigs			848			848
7. Hamsters			22			22
8. Rabbits			204	20		224
9. Non-human Primates						
0. Sheep		137	31	170		201
1. Pigs			150	300		450
2. Other Farm Animals			-	`		
Cattle			92	5		97
3. Other Animals						
Birds		~14~		69		69
Chickens			181-			181
Deer			75			75

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  ( Chief Executive Officer or Legally Responsible Institutional Official )							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  Dr. Tony Frank, Senior Vice President for Research & Information Technology	DATE SIGNED					

APHIS FORM 7023 ( AUG 91 )

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Colorado State University 203 Administration Fort Collins, CO 80523

Animals Covered By The Animal Welfare Regulations  12. &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distrect to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons, such drugs were not used must be attached to this report).	MAL:
Ferrets		37		3	 7
Frogs		54		54	
Horses		112	69	18	 1
:		·.			
· -			·		
· .					
			!		

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Dr. Tony Frank Senior Vice President for Resear	Legally Responsible Institutional Official)	lov i	2	2004
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	. ~	T <sub>D</sub>	ATE SIGNED
July 2 2 -		_		
(John) · Jan	Senior Vice President for Research &	×		

### **ASSURANCE STATEMENTS**

Kangaros rat

Silky Pocket

12. Other Farm Animals

13. Other Animals

10. Sheep 11. Pigs

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservables teaching, testing, surgery, or experimentation were followed by this research facility.
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		of animal care and use.
CERTIFICATION BY HE	ADQUARTERS RESEARCH FACILITY OFFICIAL	
( Chief Executive Offic	er or Legally Responsible Institutional Official )	
SIGNATURE OF CE O OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  Allan M. Hugus DVO() 887	DATE SIGNED
APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)		

# NORTHERN COLORADO



Office of the Provost and Vice President for Academic Affairs

84-R-0008 Cut =0,

November 2, 2004

**USDA** 

Attn: Evelyn

The following administrators are no longer employed at the University of Northern Colorado: (b)(6), (b)(7)c

Please remove their names and add(b)(6), (b)(7)c

Research, and (b)(6), (b)(7)c

Interim Dean of the College of Arts & Sciences.

Dr. Allen M. Huang is the Provost of the University of Northern Colorado and is authorized as the institutional official.

Sincerely.
(b)(6), (b)(7)c

College of Arts & Sciences

# UNIVERSITY of NORTHERN COLORADO



Office of the Provost and Vice President for Academic Affairs

November 2, 2004

USDA

Attn: Evelyn

The following administrators are no longer employed at the University of Northern Colorado: (b)(6), (b)(7)c

Please remove their names and add (b)(6), (b)(7)c

Research, and (b)(6), (b)(7)c

Interim Dean of the College of Arts & Sciences.

My name is Dr. Allen M. Huang, the Provost of the University of Northern Colorado and am authorized as the institutional official.

Sincerely,

Allen M. Huang, Provost and

Vice President for Academic Affairs

see attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-R-0011

> CUSTOMER NUMBER: 1089

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Western State College Western State College Gunnison, CO 81231

Telephone: (970) -943-2114

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Hurst 235

FACILITY LOCATIONS (Sites) - See Atached Listing

Α.	В	Number of animal					7	neets if necessary or use APHIS Form 7023A )	
Animals Covered By The Animal Welfare Regulations	В.	number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-refieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquitiz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs							$\dagger$		
5. Cats					<del>                                     </del>		┝		
6. Guinea Pigs					<del></del>		-		<u>\</u>
7. Hamsters				· · · · · · · · · · · · · · · · · · ·			_		
8. Rabbits							-		
9. Non-human Primates							_		
10. Sheep		- <del></del>			·	~	<u> </u>		
11. Pigs						None	_		1
12. Other Farm Animals									
r.									
3. Other Animals									
									-
									· — · · — · — · — · — · — · — · — · — ·

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

John Sowell, Vice President for Academic Affairs

DATE SIGNED 4/7/05

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)



Department of Natural and Environmental Sciences

April 14, 2005

Dear Sirs:

Earlier this year (November) we submitted our annual report of research facility to the AC Western Regional Office. In that report we indicated that 1821 wild rodents or insectivores had been utilized in field studies and we placed them in column C. After talking to Dr. Tracy Thompson it became evident that these animals should not have been recorded because they had simply been trapped and then immediately released. Because of this mistake we would now like to amend that earlier Annual Report. The amended report is attached and indicates that we used no animals during the past year.

(b)(6), (b)(7)c

Professor of Biology

APR 1 8 2005

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIM A AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-R-0011

CUSTOMER NUMBER: 1089

FORM APPROVED OMB NO. 0579-0036

Western State College Western State College Gunnison, CO 81231

Telephone: (970) -943-2114

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Hurst 235

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	CH EACH ITY / Amost addition	al sheets if necessary or use APHIS Form 7023A )	
	I .		ACH FACILITY Attach additions	al sheets if necessary or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilized us would have adversely affected the procedures, recording interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs		·		·	<u>`</u>
7. Hamsters					•
8. Rabbits					
9. Non-human Primates					
10. Sheep			None		1
11. Pigs					<del></del>
12. Other Farm Animals		·	·		
	<u>.</u>				
13. Other Animals		,			
				·	-
		į			
ASSURANCE STATEMENTS					

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CERTII (Chie	ICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  If Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)  John Sowell, Vice President for Academic	DATE SIGNED
DUIS FORM 7000 (Deal of the Section	Attairs	14///05

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)



Department of Natural and Environmental Sciences

April 14, 2005

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(b)(6), (b)(7)c

Professor of Biology

APR 1 8 2005

See attached form for CC: T Interagency Keepin Control No.: additional information.

1089

1. CERTIFICATE NUMBER: 84-R-0011

-04 FORM APPROVED

OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Western State College Western State College Gunnison, CO 81231

CUSTOMER NUMBER:

Telephone: (970) -943-2114

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

Hurst 235 B

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered  By The Animal  Welfare Regulations  .	B. N	Number of animal being bred, conditioned, or need for use in eaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.		D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NU OF ANIR  ( COLU C + D	MALS IMNS
4. Dogs							1			
5. Cats							+-		<del> </del>	
6. Guinea Pigs							-			
7. Hamsters							-		<del> </del>	
8. Rabbits							1			
9. Non-human Primates							1			
10. Sheep							-		-	
11. Pigs							_			
12. Other Farm Animals	+		1				_		+	
	1						_		-	
13. Other Animals	+-			,			$\perp$			
wild rodents			1	1821			+		18	21
(see adendin)							$\dashv$			

### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
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The effecting veterinarian for this research facility has appropriate authority to en	sure the provision of adequate veterinary care and to oversee the adequacy of other aspects of	
OFFITICATION BY H	EADQUARTERS RESEARCH FACILITY OFFICIAL cer or Legally Responsible Institutional Official)	-
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  John Sowell, Vice President for Academic	11/03/04
Gala Somet	Aflaits	

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

NOV 17 2004 /

### **Mammal Trapping Summary 2004**

To: (b)(6), (b)(7)c Chair, Animal Welfare Committee

From: (b)(6), (b)(7)c
Date: 8 October 2004

Re: Summary of trapping activity in 2004.

We trapped small mammals at the Gunnison State Wildlife Area from 21-29 April and trapped in the Long Gulch basin on BLM land from 13 May -26 September.

Live trapping using Sherman Live Traps was conducted on 25 nights during spring and summer. This equates to approximately 605 trap nights from 21-29 April and 2,280 trap nights from 13 May- 26 September. Total effort for the year was 2,885 trap nights.

Five species were captured throughout the trapping period. These include deer mouse (*Peromyscus maniculatus*), either montane or meadow vole (*Microtus montanus* or *pennsylvanicus*), long-tailed vole (*Microtus longicaudis*), least chipmunk (*Tamias minimus*), and pinon mouse (*Peromyscus truei*).

A total of 863 male, 618 female, and 283 unknown sex deer mice (*Peromyscus maniculatus*) were trapped during the year. The total number of deer mice trapped was 1,764.

One pinon mouse (Permomyscus truei) was captured during the studies. Its sex was unknown.

Ten montane voles (*Microtus montanus*) were trapped and 4 male, 5 female, and 2 unknown voles were trapped. One long-tailed vole (*Microtus longicaudis*) was also trapped. The total for all species was 22 voles (10 montane voles, 1 long-tailed vole, and 11 unknown voles).

Fifteen unknown, 3 female, and 8 male least chipmunks (*Tamias minimus*) were trapped, for a total of 26 least chipmunks.

Individuals of unknown species were primarily those that escaped before they could be identified. We trapped seven individuals of unknown species and unknown sex, and one female of unknown species.

In total, we trapped 1,821 small mammals for a trapping success of 63%.





(b)(6), (b)(7)c left) and Peromyscus maniculatus (right).

See attached form for additional information. Interagency Report Control No.: SIJE1

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-R-0012

CUSTOMER NUMBER: 1090 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Colorado Mountain College 3000 County Road 114 Glenwood Spgs, CO 81601

Telephone: (970) -945-8691

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR LINDER	CONTROL OF RESEAS	OCH EACH ITY ( Attack a data)	al sheets if necessary or use APHIS Form 7023A)	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	OF ANIMALS
4. Dogs	0	0	22	0	22
5. Cats	0	0	33	Ô	33
6. Guinea Pigs	0	$\sim$ 0	2	0	2
7. Hamsters	0	0	1	0	$\frac{\sim}{1}$
8. Rabbits	0	0	2	Ô	2
9. Non-human Primates	0	0	0	0	$\frac{\sim}{\circ}$
10. Sheep	0	$\hat{O}$	6	D	10
11. Pigs	0	Ŏ	3	0	2
12. Other Farm Animals	0	0	8	Ó	8
Hoses	0	0	9	0	9
13. Other Animals	0	0	0	0	0
Goats	0	0	7	O	$-\tilde{7}$
Llamas	0	0	3	0	<u></u>
	0	0		Ō	
ACCUDANCE OTATOLOGICA					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal invectigator and approximately Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	IEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official )	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL  PHIS FORM 7023  (Replaces VS FORM 18-23 (OCT 88) which is obsolete to	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  N. GENOVA, CAMPUS DEAN	DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See attached form for additional information.

1092

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0013 CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Bel-Rea Inst. Of Animal Tech. 1681 South Dayton Street Denver, CO 80247

Telephone: (303) -751-8700

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER (	CONTROL OF RESEAR	CH FACILITY ( Attach addition	al sheets if necessarv or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	3			Pertugi	<b>3</b> 0
5. Cats	3			mixtu (	Bi
6. Guinea Pigs	8			Walahu	X 0
7. Hamsters	17			Rulling	及。
8. Rabbits	6			11-22	X C
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Horse	4				×O
13. Other Animals					
MICE	50				5Q0
Mice Gerbils	16				76 n
Rats	22				22 D
ASSURANCE STATEMENTS	)				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese: teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applications. Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.

The attending vetermanan for this research	an racinty has appropriate authority to ensu	re the provision of ade	equate veterinary care and to ov	versee the adequacy of other aspects (	or animai care and use.
			SEARCH FACILITY OFFIC	CIAL	
4					
SIGNATURE OF C.E.O. OR INSTITUTIONAL O	PEICIAL	NAME & THE OF	C.E.O. OR INSTITUTIONAL O	OFFICIAL (Type or Paint)	DATE SIGNED
Mallel ell	alur_	- Ku	udet	Nolan Cache	10/1/00
APAIS FORM 7023 (Replaces VS FORM ( AUG 91 )	1 18-23 (OCT 88), which is obsolete.)		0	D. U.	h

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See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

### CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

REPORT OF ANIMALS USED BY C	OR UNDER CONTROL O	F RESEARCH FACILITY	/ (Attach adjulitional shoots if an		
A. Animals Covered By The Animal Welfare Regulations  12. &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	TOTAL NO. OF ANIMALS (Cols. C + D + E)
terrets	3				3
Chinchillas	2				2
·					
					<u> </u>
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					: 
r.					
			!		:
ASSURANCE STATEMENTS					

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or	Legally Responsible Institutional Official) e, correct, and complete (7 U.S.C. Section 2143).	92
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Malel Mules	Proposition of the	1861

APHIS FORM 7023A (AUG 91 )

FART 1 - HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

See reverse side for Thomas Interagency Report Control No additional information. 0180-DOA-AN

Laris

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 84-R-0014

include Zip Code)

CUSTOMER NO. 8223

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

irany

FORM APPROVED OMB NO. 0579-0036

## CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

COLORADO COLLEGE 14 E. CACHE LA POUDRE COLORADO SPGS, CO 80903 (719) 389-6000

ORT OF ANIMALS USED BY			(Attach additional sheets if nece		
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAL (Cols. C+ D+E)
	No	egule	les me	ies since	<u> </u>
	TY	0200	7		
				,	
			· · · · · · · · · · · · · · · · · · ·		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive C	HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Ale Stores )	Brenda Tooley, Acting Dean of the Faculty	11/23/04

APHIS FORM 7023A (AUG 91) (Replaces VS-EORM 18-23 (Oct 88), which is obsolete

**PART 1 - HEADQUARTERS** 

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-R-0021

CUSTOMER NUMBER: 8224

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Fort Lewis College 1000 Rim Dr. Durango, CO 81301

Telephone: (970) -247-7010

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7amsters					• .
8. Rabbits					
9. Non-human Primates					
10. Sheep				·	
11. Pigs					· ·
12. Other Farm Animals					
13. Other Animals					
mice.	100.		28		128

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Stephen A. Roderick

DATE SIGNED

10/

( AUG 91 )

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-R-0040

> CUSTOMER NUMBER: 1097

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT.)

Inhausen Research Institute, Inc.

Fort Collins, CO 80525

Pmb 505/2601 S. Lemay Avo., Suite 7
Fort Collins. CO. 80525
Fort Collins. CO. 80525

Telephone: (970) -221-1090

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS
4. Dogs	113	159	38		197
5. Cats	6	86			86
6. Guinea Pigs					<i>U (,</i> **)
7. Hamsters	•	. '			
8. Rabbits		42			42
9. Non-human Primates					14
10. Sheep					
11. Pigs					
12. Other Farm Animals					· · · · · · · · · · · · · · · · · · ·
			· · · · · · · · · · · · · · · · · · ·		
13. Other Animals					
			· ·		· .
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

DR JON C FULLS

APHIS FORM 7023 ( AUG 91 )

(Replaces VS FORM 18-23 /(OCT 88), which is obsolete.)

OCT 1 3 2004 -

Registration Number: 84-R-0040

Addresses for facility locations where animals were housed:

2625 Midpoint Dr. Fort Collins, CO 80525

2637 Midpoint Dr. Fort Collins, CO 80525

Please note our new mailing address.

Inhausen Research Institute, Inc. PMB 121 1624 S. Lemay Ave., #10 Fort Collins, CO 80525

see allached form for additional information.

Interagency Report Control No.:

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 84-R-0045 CUSTOMER NUMBER: 1096

OMB NO. 0579-0036

Colorado Division Of Wildlife 317 W. Prospect Rd. Fort Collins, CO 80526

Telephone: (303) -297-1192

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )								
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )				
4. Dogs									
5. Cats									
6. Guinea Pigs	¢								
7. Hamsters	1								
8. Rabbits									
9. Non-human Primates			43.7						
10. Sheep				,					
11. Pigs									
12. Other Farm Animals									
Cattle		11			11				
13. Other Animals									
Bighorn Sheep	11	16			16				
E1k	16	15			15				
ASSURANCE STATEMENTS									

SURANCE STATEMENTS
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- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
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4) The attending veterinarian for this research facility has appropriate authority to	ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
	HEADQUARTERS RESEARCH FACILITY OFFICIAL  fficer or Legally Responsible Institutional Official )	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL SULL XIII COMP.	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  Bruce L M CLOSKEY DIRECTOR	DATE SIGNED 11/2/04
APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88) which is checipte \		

( AUG 91 )

See reverse side for additional information. Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM, APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

### CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these	TOTAL NO. OF ANIMALS  (Cols. C +
12. &/OR 13. Other (List by species)	yet used for such purposes.	pain, distress, or use of pain- relieving drugs.	anesthetic, analgesic, or tranquilizing drugs were used.	animals and the reasons such drugs were not used must be attached to this report).	D + E)
Fallow Deer			28		28
Mule Deer	75	5	79		84
Pronghorn					
Antelope	19	,			
White-tailed					25
Deer	45	8	17		
Mountain Lion	1	3			3
Domestic Ferr	et	. 10			10
Sika Deer	1				0
Prairie Dog	1				0
r.					
···					
		·	!		

### ASSURANCE STATEMENTS

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

#### CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Brue L. M'CLOSKEY, DIRECTOR 11/2/04

result in an order to cease and desist and to be subject to penalties as provided for in Section 215

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

additional information. CC: T. Thompson

CUSTOMER NUMBER: 1286

1. CERTIFICATE NUMBER: 84-R-0052

FORM APPROVED

OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY** (TYPE OR PRINT)

Osi Pharmaceuticals 2860 Wilderness Place Boulder, CO 80301

Telephone: (303) -444-5893

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing trugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C+D+E)
4. Dogs					I
5. Cats					L
6. Guinea Pigs					1
7. Hamsters					1
8. Rabbits		36			36
9. Non-human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
SSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual res teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app. Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Nicole Onetto, M.D.

Executive V.P./Chief Medical

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

OSI Pharmaceuticals, Inc. 2860 Wilderness Place Boulder, CO 80301 T 303.546.7600 F 303.444.0672 www.osip.com

## (osi) pharmaceuticals

Dr. Robert M. Gibbens USDA 2150 Centre Ave. Bldg. B – Mail Stop 3W11 Ft. Collins, CO 80526

Dear Dr. Gibbens,

October 20, 2004

Enclosed is the Annual Report for our facility, OSI Pharmaceuticals, Inc., Boulder, CO.

Please contact me if you should have any questions. Thank you.

Sincerely yours,

(b)(6), (b)(7)c

Operations Manager Veterinary Sciences

1312

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0055

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Healthone Alliance Research 899 Logan St., Suite 203 Denver, CO 80203

Telephone: (303) -996-0863

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs			16		16
5. Cats	,				
6. Guinea Pigs					
.7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app. Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
( Chief Executive Officer or Legally Responsible Institutional Official )

DATE SIGNED

Fred Hetzel, Ph.D., J.D. Vice President

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 023

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

( AUG 91 )

This report is required by law (7 USC 2143).	Failure to report according to the regulations can
result in an order to cease and desist and to	be subject to penalties as provided for in Section 2

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-R-0056

FORM APPROVED

CUSTOMER NUMBER: 1765

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Univera Pharmaceuticals, Inc.

100 Fechnology Drive, Ste. 160- 2660 Willamette D. ME. Broomfield,-CO-80021

phono: (303)-438-8666- Lacey, WA 98516 Telephone (360) 486-8200

Telephono: (303)-438-8666-

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	being cond heid teacl expe rese surg	nber of animal and bred, of ditioned, or differenced for the for use in ching, testing, eriments, earch, or gery but not yeld for such poses.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.		which exp teaching, surgery, of conducter accompant distress to for which anestheti	which experiments, teaching, research, surgery or tests were conducted in accompanying pain or distress to the animal an for which appropriate anesthetic, analgesic, or tranquilizing drugs were  research, surgery or tests were conducted in accompanying pain or distress to the animal the use of appropriate anesthetic, analgesic, drugs would have adversely affected the proor interpretation of the teaching, research, experiments of the teaching, research, surgery or tests were conducted in accompanying pain or distress to the animal the use of appropriate anesthetic, analgesic, drugs would have adversely affected the proor interpretation of the teaching, research, surgery or tests were conducted in accompanying pain or distress to the animal the use of appropriate anesthetic, analgesic, drugs would have adversely affected the proor or interpretation of the teaching, research, surgery or tests were conducted in accompanying pain or distress to the animal accompanying pain or dist		ery or tests were conducted involving pain or distress to the animals and for wh ropriate anesthetic, analgesic, or tranquiliz ave adversely affected the procedures, result of the teaching, research, experiments, its. (An explanation of the procedures or distress in these animals and the reasonable procedures.)	rolving and for who retranquilizedures, respectivents, seedures and the reast of the control of	
4. Dogs	No	798	No	ايم ور	No	<u> </u>	No.	ne	(	<u>つ</u>
5. Cats				1		1				
6. Guinea Pigs										
7. Hamsters		l		ĺ		1				
8. Rabbits										
9. Non-human Primates		:						·		1
10. Sheep										-
11. Pigs		1								
12. Other Farm Animals										- CO(307580
,			1	* *		and the same of th				-
13. Other Animals										1
										1
		1	1	/		$\Psi$	1	V	<del>  ,</del>	1/

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)



November 3, 2004

Qi Jia, Ph.D. Chief Scientific Officer Unigen Pharmaceuticals, Inc. 2660 Willamette Dr. N.E. Lacey, WA 98516 Phone: (360) 486-8200

Robert M. Gibbens
Regional Director – Animal Care
Western Region
2150 Centre Ave.
Building B
Mail Stop #3W11
Ft. Collins, CO 80526

Dear Mr. Gibbens,

Please find enclosed the Annual Report of Research Facility for animal care. Our certification number is 84-R-0056 and our customer number is 1765. We have recently terminated our license, as you know, because of our move to Lacey, WA from Broomfield, CO on September 14, 2004. This annual report covers the time for the past year in Colorado. We have built a new animal facility and will reinitiate our license with the USDA in the coming months.

If you have any further questions, please fell free to contact me at any time.

Sincerely,

Qi Jia, Ph.D.

Chief Scientific Officer

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0058

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

A M C Cancer Research Center 1600 Pierce Street Lakewood, CO 80214

Telephone: (303) -239-3561

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs			\ \ \		
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals (Nのい	REGULATED)				
MICE	Ø	382	66		448
RATS	$\phi$	402	7		409

### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATI	ON I	BY HEA	DQUA	RTERS	RESEARCH FACILITY OFFICIAL
					0 1 1 10 10 10 1 1 1 1 1 1 1 1 1 1 1 1

( Chief Executive Officer or Legally Responsible Institutional Official )

DATE SIGNED

THOMAS J. SLAGA, SCIENTIFIC DIRECTOR

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

10/4/04

APHIS FORM 7023

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

( AUG 91 )



1600 Pierce Street • Denver, Colorado 80214 • www.amc.org 800-321-1557 • 303-233-6501 main • 303-233-9562 fax

October 5, 2004

Dr. Robert M. Gibbens
USDA
Regional Director - Animal Care
Western Regional Office
2150 Centre Avenue
Building B
Mail Stop # 3W11
Ft. Collins, CO 80526

Dear Dr. Gibbens:

Please find enclosed the completed Annual Report of Research Facility (APHIS Form 7023 and 7023A) for the AMC Cancer Research Center, Registration Number: 84-R-0058, Customer Number: 1784.

If there are any questions pertaining to this report, please contact me at your convenience at (b)(6), (b)(7)c

Sincerely,

(b)(6), (b)(7)c

IACUC Coordinator

AMC Cancer Research Center

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0060

CUSTOMER NUMBER: 1835

See attached form for

additional information.

FORM APPROVED

OMB NO. 0579-0036

/ Interagency Report/Control No.:

### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

University Of Colorado-Boulder Department Of Animal Resources Cb 26

Boulder, CO 80309

Telephone: (303) -492-2890

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Harnsters					
8. Rabbits		6		and the second s	6
9. Non-human Primates				The state of the s	
10. Sheep					
11. Pigs			we a		
12. Other Farm Animals					
13. Other Animals					

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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  ( Chief Executive Officer or Legally Responsible Institutional Official )					
SIGNATURE OF C.E.O. OR HISTITUTIONAL OFFICIAL	PLP	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAN (Type or Print)  JOSEPH G. ROSSE, Ph. B.  DIRFCTOR, RESEARCH INTEGRITY	DATE SIGNED 9/28/ch		

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information. -ci pacy mongisca interagence Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 84-R-0061

CUSTOMER NO. FORM APPROVED 10643 OMB NO. 0579-0036

### CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

THE VETERINARY REFERRAL CENTER OF COLORADO 3550 S. JASON ST.

ENGLEWOOD, CO 80110 (303) 874-7387

PORT OF ANIMALS USED BY			(Attach additional sheets if neces  D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon on which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
		2-1	23		44
			·		
					-
					<u> </u>
	·				<u> </u>
					<del> </del>
					-
					-
		<u> </u>			
			<u> </u>		
					<del>                                     </del>
		Į.			

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
formalla	Janna Pell	11/29/04

APHIS FORM 7023A (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

additional information. To Thompson

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0062

CUSTOMER NUMBER: 11855

OMB NO. 0579-0036

Laris

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Mesa State College 1100 North Avenue Grand Junction, CO 81501

Telephone: (970) -248-1424

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	OF ANIMALS  (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	,				
7. Hamsters					
8. Rabbits			·		
9. Non-human Primates					
10. Sheep					
11. Pigs	,				
12. Other Farm Animals					
v				1	
13. Other Animals					
Deer Mice	107	41	. 0	0	41
White-footed Mice	11	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Carl Futher	Carol Futhey, Interim Vice President	11/17/0

APHIS FORM 7023

(Replaces VS FORM 18-23' (OCT 88), which is obsolete.)

(AUG 91)

additional information.

Interagency Report Control No.: FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0063

CUSTOMER NUMBER: 14004 OMB NO. 0579-0036

18/18

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Rxkinetix, Inc. 1172 Century Drive, Suite 260 Louisville, CO 80027

Telephone: (303) -926-1900

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0.	. 0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	. 0	0	0	0	0
13. Other Animals	0	. 0	0	0	0
Mice	0	0	250	0	250

### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIA
	( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

OR INSTITUTIONAL OFFICIAL SIGNATURE OF C.E. Rana S. Gill, VP, CFO, & IO

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

( AUG 91 )

additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-R-0064

CUSTOMER NUMBER: 1310

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Sima Therapeutics, Inc. 2950 Wildemess Place Boulder, CO 80301

Telephone: (303) -449-6500

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )								
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y∈ used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, anelgesic, or tranquiliz drugs would have adversely affected the procedures, resignery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS			
4. Dogs	0	0	0	0	0			
5. Cats	0	0	0	0	0			
6. Guinea Pigs	0	0	0	0	0			
7. Hamsters	0	0	0	. 0	0			
8. Rabbits	O	0	216	0	216			
9. Non-human Primates	0	0	0	0	0			
10. Sheep	0	0	0	0	0			
11. Pigs	0	0	0	0	0			
12. Other Farm Animals	0	0	0	0	0			
13. Other Animals	0	0	0	0	0			
. —								

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestelic; analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attention veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

, ·	s appropriate autumny to ensure the province of the	
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )	
SIGNATURE OF G.E.O. OR (INSTITUTIONAL OFFICIAL)	BARRY POLISICY ST VP ROCENS	DATE SIGNED

APHIS FORM 7023 ( AUG 91 ) (Replaces VS FORM 18-23/ (OCT 88), which is obsolete.)

OCT 2 0 2004

See attached form for additional information. Interagency Report Control No.: 04

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0065 CUSTOMER NUMBER:

18462

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Rocky Mountain Bio Labs P O Box 519 Crested Butte, CO 81224

Telephone: (970) -349-7231

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

mended report. re FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )						
A.  Animals Covered  By The Animal  Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )		
4. Dogs			·		-		
5. Cats				·			
6. Guinea Pigs				·			
7. Hamsters							
8. Rabbits							
9. Non-human Primates	And the second s						
10. Sheep							
11. Pigs				·			
12. Other Farm Animals				·			
13. Other Animals							
Wothing to	o report						

#### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Billick Director

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)



UNITED S MITES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0065

18462

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Rocky Mountain Bio Labs P O Box 519

CUSTOMER NUMBER:

Crested Butte, CO 81224

Telephone: (970) -349-7231

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )							
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )		
4. Dogs							
5. Cats							
6. Guinea Pigs							
7. Hamsters							
8. Rabbits							
9. Non-human Primates							
10. Sheep			·				
11. Pigs				· ·	•		
12. Other Farm Animals							
13. Other Animals		(		·			
Non real	ated	tre-1,	~\~ <sub>(</sub>				
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/ · · · ·	laticerus	20	ф —	Φ	20		
ASSURANCE STATEMENTS							

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese: teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  ('Chief Executive Officer or Legally Responsible Institutional Official')		
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print.)	DATE SIGNED
2-64	In Billick Director	10/14/4

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

"EUR-OCCES

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

# OF RESEARCH FACILITY

(TYPE OR PRINT)

RUBL, PO 519 Crested Batter, CO 81224

EPORT OF ANIMALS USED BY OF L	B. Number of	C Number of	D. Number of animals upon	E. Number of animals upon which teaching.	<del></del>
Animals Covered By The Animal Welfare Regulations  12. &/OR 13. Other (Ust by species)	animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons, such drugs were not used must be attached to this report).	TOTAL I OF ANIM (Cols. (
rook Trout		85 -	. useu.		85
eotoma Cinerca	į ė	195 W			195
ger salamande	^	3434-			343
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romusica marica	late	344			244
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- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

# CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

OCT 1 9 2004

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

2-BA

In Billick, Director

10/14/4

# **Rocky Mountain Biological Laboratory**

PO Box 519, Crested Butte, CO 81224

Ph. & Fax: 970-349-7231

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To: Elynn		From: In Bill	<u>c</u> R
Fax: 970 H	每 74	6 Pages:	
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UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See attached form for additional information.

1. CERTIFICATE NUMBER: 84-R-0066

CUSTOMER NUMBER: 21162

FORM APPROVED

Interagency Report Control No.:

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Bolder Biopath, Inc.

Univ Of Colorado, Muzenzinger Bldg.,

Campus Box 345 Boulder, CO 80309

Telephone: (303) -735-5134

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER (	CONTROL OF RESEAR	RCH FACILITY ( Attach additiona	al sheets if necessarv or use APHIS Form 7023A)	<del></del>
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs	20		20		20
7. Hamsters					
8. Rabbits	37		37		37
9. Non-human Primates					
10. Sheep					
11. Pigs			-		
12. Other Farm Animals					
-					<del> </del>
13. Other Animals					
					-

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to	ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of	of animal care and use.
	HEADQUARTERS RESEARCH FACILITY OFFICIAL  Ifficer or Legally Responsible Institutional Official )	·
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 1//10/64
APHIS FORM 7023 (OCT 88), which is obsolete.) (AUG 91)		

. This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

See attached form for additional information. Interagency Report Control No.: 7

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0067 CUSTOMER NUMBER: 22002

FORM APPROVED

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Array Biopharma, Inc. 3200 Walnut Street Boulder, CO 80301

Telephone: (303) -386-1482

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )					
A.  Animals Covered  By The Animal  Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilitz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	D	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	47	40	0	0	40
8. Rabbits	0	0	0	0	<u>څ</u>
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	٥	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	Õ	0	0	0	0
13. Other Animals	0	0	0	<i>a</i>	0
ACCUPANCE CTATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  Kevin Koch President + CSC	DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

( AUG 91 )



3. Reporting Facility:
Array BioPharma
Building 3, Pharmacology Testing Facility
1865 33<sup>rd</sup> St.
Boulder, CO 80301

See attached form for additional information. interagency Report Control No.: -04

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0068 CUSTOMER NUMBER: 25176

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Boulder, CO 80308

Premier Histology Laboratory

P.O. Box 18592

Telephone: (303) -735-5001

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilitz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	OF ANIMALS  ( COLUMNS  C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		-	90		90
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
<u> </u>					
13. Other Animals		·			

#### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

ELIZABETH CHLIPALA.

DATE SIGNED

11-27-04

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

DEC - 1 2004

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-R-0069
CUSTOMER NUMBER: 21163

FORM APPROVED OMB NO. 0579-0036

Mycos Research, L L C 522 West 66th Street

Loveland, CO 80538

Telephone: (970) -612-0195

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

522 West 66th Street
Loveland, CO 80538

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )					
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yε used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilized rugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )	
4. Dogs						
5. Cats						
6. Guinea Pigs	259	223			229	
7. Hamsters						
8. Rabbits						
9. Non-human Primates						
10. Sheep						
11. Pigs						
12. Other Farm Animals						
13. Other Animals						
			·			
ASSURANCE STATEMENT	S					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

**) The attending Veterinarian for this research facility has appropriate authority to ensure the provision of adequate Veterinary care and to oversee the adequacy of other aspects of animal care and use.					
	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ive Officer or Legally Responsible Institutional Official )				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
In a french	Experitive Director	1"/17/0			

APHIS FORM 7023 ( AUG 91 ) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

NOV O A SOOM

970 612 0196

Tracy Thomas Acr 12/1/1

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 84-R-0069
CUSTOMER NUMBER: 21163

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Mycos Research, L L C 522 West 66th Street Loveland, CO 80538

Telephone: (970) -612-0195

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS L	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C+D+E)	
4. Dogs						
5. Cats						
6. Guinea Pigs	259	223			229	
7. Hamsters	·					
labbits						
9. Non-human Primates		·				
10. Sheep						
11. Pigs					•	
12. Other Farm Animals						
13. Other Animals						
	4			. ,		
ASSURANCE STATEMENTS				· · · · · · · · · · · · · · · · · · ·		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of enestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

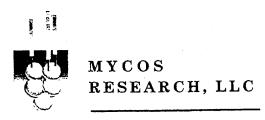
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )						
"GNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
in a factorial to the second of the second o	Experitive )macha	111709				

( AUG 91 )

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.

Luis A. Cantarero

Institutional Official



facsimile

2 pages total

522 West 66th Street • Loveland, Colorado 80538 Phone: 970 612 0195 • Fax: 970 612 0196 www.mycosresearch.com

To:

**USDA-APHIS** 

Attention: Evelyn

Fax:

970 494 7461 (b)(6), (b)(7)c

From:

(b)(6), (b)(7)c

Date:

December 1,  $\overline{2004}$ 

Re:

Certificate Number 84-R-0069

Please find attached our revised Annual Report. Luis A. Cantarero has signed as the Institutional

Please contact me if you have questions or need additional information. Thank you for your assistance.

See attached form for additional information.

Interagency Report Control No.:

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 84-R-0070

CUSTOMER NUMBER: 21159 OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Regis University Mail Code H-4/3333 Regis Blvd. Denver, CO 80221

Telephone: (303) -458-4206

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS L	JSED BY OR UNDER C	ONTROL OF RESEAR	CH FACILITY ( Attach additiona	I sheets if necessarv or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS
4. Dogs	0	0	O	0	0
5. Cats	Ø	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	. 0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	C
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	O	0

#### **ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately appro Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

4) The attending veterinarian for this research facility has appropriate as		
CERTIFICAT	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
( Chief Exe	ecutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  Joseph C. Weber, Vice Provost for  Finance and Budget	DATE SIGNED 11/4/04
C134" C0000	Finance and Dudgee	

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

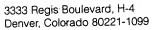
( AUG 91 )

# Item #3 Reporting Facility

Facility Location:

Science Building
Departments of Biology and Psychology
Regis University
3333 Regis Blvd.

Denver, Colorado 80221-1099



جهالل ف د درر



303-458-4206 303-964-3647 FAX www.regis.edu

November 4, 2004

United States Department of Agriculture Animal and Plant Health Inspection Service (APHIS) Animal Care Western Region 2150 Centre Ave. Building B Mail Stop #3W11 Ft. Collins, CO 80526

Re: End of Year Report from Regis University (Certificate Number: 84-R-0070, Customer Number 21159)

## Dear APHIS:

Enclosed is the End of the Year Report from Regis University. During the reporting period we did not have any USDA covered species at the University. As a result, the report lists all "0" values.

Please contact me if you have questions.

Sincerely,



Director (contact person for Regis University)

Enclosure: End of Year Report (APHIS Form 7073) for the year ending September 30, 2004.

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150 See reverse side for additional information.

1 noncoson Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)
· ·

1. REGISTRATION NO 84-V-002

OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

VA Central Office (121V) 810 Vermont Ave., NW Washington, DC 20420

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

**FACILITY LOCATIONS (Sites)** 

VA Medical Center, Denver, Colorado

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL (Cols. C D + E)
4. Dogs		-			
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs			69		69
12. Other Farm Animals					
13. Other Animals					
			:		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
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- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DEC 13 2004

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME PITTLE OF C.AO. OR INSTITUTIONAL OFFICIAL TYPE OF PIND

Director, VA Eastern Colorado HCS

DATE SIGNED

See reverse side for additional information.

XXII.	100	m	7 <i>7</i>	σq
<b>Y</b> hter	agency R	eport	Control	No
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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 84-V-002

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

VA Central Office (121V) 810 Vermont Ave., NW Washington, DC 20420

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

VA Medical Center, Denver, Colorado

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO.  OF ANIMAL  (Cols. Ċ +  D + E)
4. Dogs					
5. Cats	,				
6. Guinea Pigs	1				
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep				•	
11. Pigs	4		69		69
12. Other Farm Animals					
13. Other Animals					

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
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- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, corrects and complete (7 U.S.C. Section 2143).

DEC - 1 2004

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME PITTLE OF C.BO. OR INSTITUTIONAL OFFICIAL (Type of Project E. Thorsland, Jr.

Director, VA Eastern Colorado HCS

DATE SIGNED

APHIS FORM 7023 (AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 91-F-0001

include Zip Code)

CUSTOMER NO. 1207

FORM APPROVED OMB NO. 0579-0036

### **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

NATIONAL MARINE MAMMALS LABS. 7600 SAND PT WAY, NOAA BLDG. 32 SEATTLE, WA 98115

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

(206) 526-4048

See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) D. Number of animals upon E. Number of animals upon which teaching, B. Number of experiments, research, surgery or tests were which experiments, animals being animals upon TOTAL NO. conducted involving accompanying pain or distress teaching, research, **Animals Covered** which teaching, bred, OF ANIMALS to the animals and for which the use of appropriate surgery, or tests were conducted involving By The Animal conditioned, or research, anesthetic, analgesic, or tranquilizing drugs would experiments, or Welfare Regulations held for use in have adversely affected the procedures, results, or interpretation of the teaching, research, (Cols. C+ teaching, testing, accompanying pain or tests were D + E) experiments, distress to the animals conducted experiments, surgery, or tests. (An explanation of and for which appropriate research, or involving no the procedures producing pain or distress in these animals and the reasons such drugs were not used surgery but not pain, distress, or anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were must be attached to this report) relieving drugs. numoses. 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

#### **ASSURANCE STATEMENTS**

12. Other Farm Animals

13. Other Animals

11. Pigs

sheets if necessary.)

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

No animals to report for 2004

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive C	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) pove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E. OF THE INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
My / Swather.	JOHN L. PENGTSON, DIRECTOR	24 Spoy

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

**PART 1 - HEADQUARTERS** 



# UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration

NATIONAL MARINE FISHERIES SERVICE

ALASKA FISHERIES SCIENCE CENTER NATIONAL MARINE MAMMAL LABORATORY 7600 Sand Point Way NE, Bin C15700 Seattle, Washington 98115-0070

24 September 2004

Robert M. Gibbens
U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Animal Care, Western Region
2150 Centre Avenue
Building B, 3W11
Ft. Collins, CO 80526

Dear Dr. Gibbens:

The National Marine Mammal Laboratory (NMML) recently received a reminder to complete our annual report for our research facility (APHIS Form 7023). Per our letter of 27 July 2004, it recently became clear that it is not appropriate to report to APHIS on the wildlife studies conducted by NMML. Our studies fall under the APHIS definition of studies "to monitor the population status" that are necessary for wildlife management and do not fit the APHIS definition of "research". Thus, we have nothing to report in 2004. Should NMML initiate studies that fall under the APHIS definition of "research," they will be reported as required.

For your information, all marine mammal studies at NMML are conducted under the authority of federal marine mammal permits, which are subject to substantial public review for the types of studies conducted and the numbers of animals of each species involved. Studies carried out by NMML are permitted under the Marine Mammal Protection Act and the Endangered Species Act, if applicable. Permit requests are published in the Federal Register and are made available for public review and comment. Analyses under the National Environmental Policy Act and section 7 consultations under the Endangered Species Act are conducted, if necessary, prior to issuance of a marine mammal study permit. Furthermore, there are both annual and 5-year reporting requirements for each marine mammal permit. These documents can be obtained by contacting Steve Leathery, Chief, Office of Protected Resources – Permits Division, 301/713-2332.

Should you require additional information, please contact me at your convenience.

Sincerely,

John L. Bengtson, Ph.D

Director

John.Bengtson@npaa.gov

206/526-4016



cc'. R Haus com

This report is required by law (? USC 21 43) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

Set reverse side for additionalinformation

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 91-F-002 Customer Number: 1212

FORM APPROVED OMB NO. 0579-0036

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

ANNUAL REPORT OF RESEARCH FACILITY. (TYPE OR PRINT)

Dept. Of Clinical Investigations Madigan Army Medical Center Box 454

Tacoma, WA 98431

Telephone: (253)-968-1160

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITYLOCATIONS (Sites)

Building 9040 (NMAMC) Department of Clinical Investigation

OMAMC Buildings 9781, 9782, 9786, and 9793

REPORT OF ANIMALS USED BY ( A.	B.Number of	C. Number of	D. Number of animals upon	E, Number of animals upon which teaching	F.
Animals Covered By The Anima Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	animals upon which teaching, research, experiments, or tests were conducted involving no paln, distress. or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be atteched to this report)	TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs	·				
5. Cats					
6. Guinea Pigs					
7. Hamsters	10				0
8. Rabbits					
. Non-human Primates					
10. Sheep					
11., Pigs			6		6
12. Other Farm Animals					
Goats	27		178		178
3 Other Animals					
Ferrets			10		. 10
Laboratory Mice	71		295		295
Newts	106		31		31

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this armual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarianfor this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)
| certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF CEO OR INSTITUTIONAL OPFICIAL

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

BG Michael A. Dunn

Commander, WRMC

23 NOV 0

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-F-0007 CUSTOMER NUMBER: 1213

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Usda/Ars/Animal Disease Research Unit 337 Bustad Hall Washington State University Pullman, WA 99164

Telephone: (509) -335-6029

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

	1	•	RCH FACILITY I Attach addition	al sheets if necessarv or use APHIS Form 7023A)	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, rese or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS
4. Dogs					
5. Cats					
6. Cuinea Pigs					
7. Hamsters					·
8. Rabbits					
9. Non-human Primates					
10. Sheep	83	118			/10
11. Pigs					//8
12. Other Farm Animals					
Cattle  13. Other Animals	39		41		41
Horses	11	·	8		8
Horses Goats	Ö	12	<b>Z</b> OK		12
		·			

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservables teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION E	Y HEAD	QUA	RTERS	RESEARCH	FACILITY	OFFICIAL
/ Object = 10						

( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

on Knowles

Research Leaden

123.0

APHIS Form 7023, Certificate Number: 91-F-0007, Customer number 1213

Facility Locations (Sites)

- 1. Washington State University Airport Road Pullman, Washington 99164-6630 509-335-7335
- 2. University of Idaho Holm Research Center Moscow, Idaho 8384402201 208-885-5799

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21st

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE See attached form for additional information.

Interagency Report Control No .: aussom

1. CERTIFICATE NUMBER: 91-R-0001 CUSTOMER NUMBER: 1016

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

University Of Washington Box 357190 Seattle, WA 98195

Telephone: (206) -543-8047

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.		O. HOUNDER OF	D. Number of animals upon	onal sheets if necessary or use APHIS Form 7023A)		
Animals Covered By The Animal Welfare Regulations	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )	
Dogs	1	23	2.5			
Cats	,	1	35		58	
Guinea Pigs	0	52	5		6	
Hamsters	20		4		56	
Rabbits	10	47	40		87	
Non-human Primates	202	524	316		840	
Sheep	202	725	233		958	
Pigs	0	5	24			
	2	92	221		29	
Other Farm Animals					313	
Goats	0	0	2			
Other Animals		0			2	
errets	0	10				
erbils	12		0		10	
	14	0	132		132	

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately account to the standards and regulations be specified and explained by the principal investigator and approximately account to the standards and regulations are specified and explained by the principal investigator and approximately account to the standards and regulations are specified and explained by the principal investigator and approximately account to the standards and regulations are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standard accoun This facility is adnering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applications. In addition to identifying the IACUC-approved exceptions, this summary in
- ) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

		or Legally Responsible Institutional Official )	
NATURE OF C.E.O.	OR INSTITUTIONAL OFFICIAL		
- / R	1 1	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	
Alkainb	Soddell to Jol ( and	John Coulter Even D:	DATE SIGNED
	Tour gul	CLC Health Sci.	Adm All
AUG 91 )	(Replaces VS FORM 1823 (OCT 88), which is obsolete.)	John Coulter, Exec. Dir. Health Sci. Assoc. Vice President	1121
1.000, /		Assoc. Vice President of Medical Affa	iirs

See reverse side for additional information.

Interagency Report Control N 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0001

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA University of Washington

Box 357190 Seattle, WA 98195 (206)543-8047

Α.	TO CONTROL	OF RESEARCH FACE		Seattle, WA 98195		
REPORT OF ANIMALS USED B  A  Animals Covered By The Animal Welfare Regulations	held for use in	research, experiments	leaching, research,	experiments, research, surgery	F	
12. &/OR 13. Other (List by species) Vild Animals:	experiments, research, or surgery but not yet used for such purposes.	conducted	conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	anesthetic, analgesic, or tranquilizing drugs would interpretation of the teaching, results, or experiments, surgery, or tests. (An explanation of the teaching, research, the procedures producing aging an experiments, surgery, or tests. (An explanation of animals, and the procedures producing aging an explanation of animals.)	TOTAL OF ANIR	
Bats				the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	(Cols. C D + E)	
Chipmunks	150	23	59		-	
Gophers	0	26				
Mice	<u>.                                    </u>	2			82	
Shrews	表示(x)	1418			26	
Squirrels	48.1	41			2	
Voles		61			1418	
Weasels		105			41	
		3			.61	
					105	
					3	
NCE STATEMENTS						
dessionally acceptable standards go following actual research, leaching		` '				

rofessionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

is lacility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In distinct the species and number of animals affected. attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

# CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143). E OF C.E.O. OR INSTITUTIONAL OFFICIAL DEC - 1 2004 NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) John Coulter, Exec. Dir. Health Admin DATE SIGNED Assoc. Vice Preside

University of Washington Registration # 91-R-0001 Department of Comparative Medicine, Box 357190 November 2004

# ATTACHMENT A

# FACILITY LOCATIONS:

- Department of Comparative Medicine: Health Sciences Building, Harborview Research
   Center on Live
- Center on Human Development and Disability: Bloedel Hall
   Department of Development and Disability: Bloedel Hall
- 3. Department of Psychology: Guthrie Hall
- Washington National Primate Research Center: Health Sciences Building, Western
   Department on
- 5. Department of Biology: Hitchcock Hall

## ATTACHMENT B

Institutional Animal Care and Use Committee Approved Exceptions to the Standards and Regulations of the Animal Welfare Act:

## Cage Variances:

1) During behavioral testing of monkeys group-housed in "run-through" cages, a divider will be used that keeps all but the test monkey in slightly smaller cage space than USDA regulations specify. The animals will be housed in the smaller cage no more than 36 hours and typically less than 12.

Species: Primates

Number of animals used: 0

2) Waiver of requirement for a perch in the cages of certain dams. The animals are in the late stages of pregnancy and are jacketed and tethered to a swivel and pump system. There is a danger of the tether becoming caught on or entangled with the perch.

Species: Macaca nemestrina Number of animals used: 6

3) A "run-through" configuration of two group 4 cages for group 3 category monkeys. This provides 12.5 sq ft of floor space rather than the 12.9 sq ft recommended in the regulations for animals of this weight. It is felt that the small difference in available floor space is more than compensated for by the complete access to age-matched cohorts, allowing full social interactions between the triads.

Species: Macaca nemestrina Number of animals used: 12

# Multiple Major Surgery:

I. Exceptions approved by the University of Washington IACUC and USDA

None

# II. Exceptions approved by the University of Washington IACUC

1) 1. Bone marrow aspiration

2. Implantation in the paw of a tissue engineered construct, 3 weeks following #1

3. Bone ablation and elevation of construct, 6 weeks following #2

Species: Rabbits

Interval: 3 - 6 weeks

- 2) 1. Laparotomy to place bilateral aortoiliac PTFE vascular grafts; ligation of native aorta
  - 2. Creation of unilateral femoral A-V fistula through groin incision, 2 months following #1 Species: Baboon

Interval: 2 months

Number of animals used: 0

3) 1. Laparotomy to place bilateral aortoiliac PTFE vascular grafts; ligation of native aorta

2. Laparotomy and incision in groin to infuse adenoviral vectors, 2 months following #1

Species: Baboon Interval: 2 months

Number of animals used: 0

- 4) 1. Laparotomy to place bilateral aortoiliac PTFE vascular grafts; ligation of native aorta
  - 2. Laparotomy and incision in groin to infuse adenoviral vectors; creation of bilateral femoral A-V fistula through groin incision, 2 months following #1

Species: Baboon Interval: 2 months

Number of animals used: 0

- 5) 1. Craniotomy and injection of tracers into brain
  - 2. Laminectomy and injection of tracers into spinal cord, a minimum of 10 days following #1 Species: Macaca nemestrina, Macaca mulatta

Interval: 10 days

Number of animals used: 7

- 6) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
  - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days

Number of animals used: 0

- 7) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
  - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
  - 3. Craniotomy and injection of tracers into brain or spinal canal re-opened if bone has regrown and injection of tracers into spinal cord, a minimum of 2 months following #2

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 8) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
  - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
  - 3. Spinal canal re-opened if bone has re-grown and implant of microwires into spinal cord, a minimum of 2 months following #3

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 9) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
  - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
  - 3. Craniotomy and injection of tracers into brain, a minimum of 2 months following #2
  - 4. Spinal canal re-opened if bone has re-grown and injection of tracers into spinal cord, a minimum of 10 days following #3

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 10) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions, and craniotomy and implant of brain recording chamber
  - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days

Number of animals used: 0

- 11) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions, and craniotomy and implant of brain recording chamber
  - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
  - 3. Spinal canal re-opened if bone has re-grown and injection of tracers into spinal cord, a minimum of 2 months following #2

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 12) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions, and craniotomy and implant of brain recording chamber
  - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
  - 3. Spinal canal re-opened if bone has re-grown and implant of microwires into spinal cord, a minimum of 2 months following #2

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months

- 13) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
  - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1

3. Craniotomy and implant of brain recording chamber, a minimum of 14 days following #2 Species: Macaca nemestrina, Macaca mulatta

Interval: 7 - 14 days

Number of animals used: 0

- 14) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
  - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
  - 3. Craniotomy and implant of brain recording chamber, a minimum of 14 days following #2
  - 4. Spinal canal re-opened if bone has re-grown and injection of tracers into spinal cord, a minimum of 2 months following #3

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 15) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
  - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
  - 3. Craniotomy and implant of brain recording chamber, a minimum of 14 days following #2
  - 4. Spinal canal re-opened if bone has re-grown and implant of microwires into spinal cord, a minimum of 2 months following #3

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 16) 1. Craniotomy and implant cranial chambers
  - 2. Implant wires in arm muscle 4 weeks following #1
  - 3. Craniotomy or laminectomy for tracer injections, a minimum of 4 weeks following #2

4. Craniotomy or laminectomy for tracer injections, a minimum of 2 weeks after #3

5. Laminectomy to place cervical vertebral implant to record from neurons in the spinal cord, 4 months following a craniotomy for one animal. Placement of spinal electrodes in one animal, 9 months following #4

Species: Macaca nemestrina Interval: 2 weeks - 4 months Number of animals used: 1

17) 1. Eye coil surgery, 4-6 tiny holes drilled in skull to accept small screws for stabilization lugs

2. Craniotomy to implant chambers, a minimum of several weeks to several months following

Species: Macaca mulatta

Interval: several weeks to several months

- 18) 1. Eye coil surgery, 4-6 tiny holes drilled in skull to accept small screws for stabilization lugs
  - 2. Craniotomy to implant chambers, a minimum of several weeks to several months following #1
  - 3. Temporal bone surgery to plug semicircular canals, several weeks to several months following #2

Species: Macaca mulatta

Interval: several weeks to several months

Number of animals used: 1

19) 1. Pancreatectomy

2. Islet transplantation 3 weeks following #1

Species: Macaca nemestrina, Macaca fascicularis, Baboon

Interval: 3 weeks

Number of animals used: 0

- 20) 1. Islet transplant
  - 2. Islet transplant, 3 weeks following #1
  - 3. Islet transplant, 3 weeks following #2

Species: Macaca nemestrina, Macaca fascicularis, Baboon

Interval: 3 weeks

Number of animals used: 0

- 21) 1. Thoracotomy
  - 2. Islet transplantation, 3 weeks following #1

Species: Macaca nemestrina, Macaca fascicularis, Baboon

Interval: 3 weeks

Number of animals used: 0

- 22) 1. Thoracotomy
  - 2. Kidney transplant, 3 weeks following #1

Species: Macaca nemestrina, Macaca fascicularis, Baboon

Interval: 3 weeks

Number of animals used: 0

- 23) 1. Laparotomy for oocyte collection
  - 2. Laparoscopy for oocyte collection, a minimum of 3 months following #1
  - 3. C-section (after nonsurgical artificial insemination), a minimum of 3 months following #2
  - 4. C-section (after nonsurgical artificial insemination), a minimum of 3 months following #3

Species: Macaca nemestrina, Macaca fascicularis

Interval: 3 months

Number of animals used: 0

- 24) 1. Laparoscopy for oocyte collection
  - 2. Laparoscopy for oocyte collection, a minimum of 3 months following #1
  - 3. C-section, a minimum of 3 months following #2

Species: Macaca nemestrina, Macaca fascicularis

Interval: 3 months

25) 1. Laparoscopy for oocyte collection

2. Laparotomy for embryo transfer, a minimum of 3 months following #1

3. C-section, a minimum of 3 months following #2

Species: Macaca nemestrina, Macaca fascicularis

Interval: 3 months

Number of animals used: 0

- 26) 1. Partial pancreatectomy and creation of isolated intestinal pouch
  - 2. Laparotomy for islet transplantation, a minimum of 24 hours after #1

Species: Dogs Interval: 24 hours

Number of animals used: 1

- 27) 1. Total pancreatectomy, stomach myocytes obtained, islet autografts placed in the omentum, and resection of any ischemic appearing duodenum
  - 2. Laparotomy to examine the duodenum for signs of progressive ischemia and possible resection of duodenum to prevent perforation, 24 hours following #1
  - 3. Laparotomy to place transduced myocytes expressing human insulin, 6 weeks to 3 months following #3

Species: Dogs

Interval: 24 hours - 3 months Number of animals used: 2

- 28) 1. Eye coil implantation and head holder
  - 2. Chamber (craniotomy) 2 months after #1

Species: Macaca mulatta

Interval: 2 months

Number of animals used: 3

- 29) 1. Eye coil placement and implantation of stabilization lugs into the skull
  - 2. Craniotomy a minimum of 3 weeks after #1

Species: Macaca mulatta

Interval: 3 weeks

Number of animals used: 2

- 30) 1. Placement of TMJ implants (EMG electrodes, x-ray opaque markers) and tongue reduction surgery
  - 2. Placement of additional TMJ implants (strain gauges, transducers), 10-14 days following #1

Species: Pigs

Interval: 10 - 14 days Number of animals used: 0

- 31) 1. Placement of TMJ implants (EMG electrodes, x-ray opaque markers)
  - 2. Tongue reduction surgery, 7 10 days following #1
  - 3. Placement of additional TMJ implants (strain gauges, transducers), 10-14 days following #2

Species: Pigs

Interval: 7 - 14 days

32) 1. Implantation of eye coils and head-stabilizing acrylic lugs

2. Implantation of a recording chamber over a craniotomy, 2 - 24 months following #1.

Species: Macaca mulatta Interval: 2 - 24 months Number of animals used: 4

33) 1. Implantation of eye coils and head-stabilizing acrylic lugs

2. Brain lesion to divide the left and right halves of the eye movement-related part of the medial cerebellum, a minimum of 3 months following #1

Species: Macaca mulatta

Interval: 3 months

Number of animals used: 0

- 34) 1. Implantation of eye coils and head-stabilizing acrylic lugs
  - 2. Craniotomy to produce brain lesion to divide the left and right halves of the eye movement-related part of the medial cerebellum, a minimum of 2 months following #1
  - 3. Implantation of a recording chamber over a craniotomy, a minimum of 1 month following #2

Species: Macaca mulatta Interval: 1 - 2 months Number of animals used: 0

- 35) 1. Implantation of eye coils and head-stabilizing acrylic lugs
  - 2. Implantation of a recording chamber over a craniotomy, 2 24 months following #1
  - 3. Craniotomy to inject tracers into the brain, 3 24 months following #2

Species: Macaca Mulatta Interval: 2 - 24 months Number of animals used: 0

- 36) 1. Implantation of eye coils and head-stabilizing acrylic lugs
  - 2. Implantation of a recording chamber over a craniotomy and surgery to plug semicircular canals, 2 24 months following #1

Species: Macaca Mulatta Interval: 2 - 24 months Number of animals used: 0

- 37) 1. Implantation of eye coil and head holder
  - 2. Craniotomy, 6 12 months after #1 above
  - 3. Possible chamber repositioning 6 months after #2 above
  - 4. Possible eye coil replacement 3 12 months after initial eye coil surgery

Species: Macaca mulatta Interval: 3 - 12 months Number of animals used: 3

- 38) 1. Female cats are spayed
  - 2. A craniotomy is performed to implant recording chambers a minimum of 2 months after #1

Species: Cats
Interval: 2 months

39) 1. Removal of periosteal flap

2. Implantation of explant into reamed glenoid and humeral head replacement, 48 hours, 5 days, or 7 days following #1

Species: Rabbits

Interval: 48 hours - 7 days Number of animals used: 0

- 40) 1. Removal of periosteal flap
  - 2. Implantation of periosteal explant into muscle pouch over the shoulder blade, 5 7 days following #1

Species: Rabbits Interval: 5 - 7 days

Number of animals used: 0

- 41) 1. Placement of maternal-fetal catheters (110 days gestation)
  - 2. C-section at 140, 155, and 160 165 days gestation

Species: Macaca nemestrina Interval: 30, 45, 50 or 55 days Number of animals used: 0

42) Laparotomy for intestinal and hepatic biopsy three times during pregnancy: early pregnancy, day 55-75, late pregnancy day 135-150 and post partum day 52-70

Species: Macaca nemestrina Number of animals used: 0

- 43) 1. Placement of maternal-fetal catheters (60 70 days gestation)
  - 2. C-section (160 165) a minimum of 100 days following #1

Species: Macaca nemestrina

Interval: 100 days

Number of animals used: 0

- 44) 1. Laparotomy to obtain hepatic and jejunal biopsy samples
  - 2. Laparotomy to obtain hepatic and jejunal biopsy samples, a minimum of 70 days following #1
  - 3. Laparotomy to obtain hepatic and jejunal biopsy samples, a minimum of 85 days following #2

Species: Macaca nemestrina

Interval: 70 - 85 days



1016 91-12-0001

Health Sciences Administration
Office of the Executive Director

January 6, 2005

USDA, APHIS, Animal Care Western Regional Office 2150 Centre Ave, Bldg. B Mail stop #3W11 Fort Collins, CO 80526-8117

It has come to our attention that our initial USDA Annual Report for the reporting period October 1, 2003 through September 30, 2004 failed to include sea lions that were used on a project during that time. A corrected Continuation Sheet for Annual Report (APHIS form 7023A) is included.

Also, please include (b)(6), (b)(7)c as as an additional person authorized to conduct business under our registration. (b)(6), (b)(7)c is the Director of Budget and Administration, Health Sciences Administration, and is authorized to act on my behalf when I am unavailable.

If you have questions or require additional information, please don't hesitate to contact me.

Sincerely,

John Coulter

Executive Director, Health Sciences Administration

Associate Vice President for Medical Affairs

Institutional Official

cc:

(b)(6), (b)(7)c

additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0001 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

include Zip Code)

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University of Washington Box 357190

Seattle, Washington (206) 543-8047

98195

Animals Covered By The Animal Welfare Regulations  12. &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and lor which appropriate anesthetic, analgesic, or Iranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons, such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMAL. (Cols. C + D + E)
Wild Animals:					
Bats	150	23	59		82
Chipmunks		26			26
Gophers		2			2
Mice		1418			1418
Sea Lions		145			145
Shrews		41			41
Scuirrels		61			61
Voles	,	105			105
Weasels		3			3
			·		
				·	
		,	1		

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This lacility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

JAN 1 0 2005

This r port is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information. /// 29/0/

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0003
CUSTOMER NUMBER: 1017

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

The Hope Heart Institute 1710 E. Jefferson Seattle, WA 98122

Telephone: (206) -903-2001

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPURT OF ANIMALS			CH FACILITY ( Attach additiona	al sheets if necessary or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animats an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( CCLUMNS
4. Dogs	36	0	6	0	
5. Cats				0	<u> </u>
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-human Primates					- 0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals				7	0
			·		

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
•	( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Mark Judahuan

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This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information.

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CC: H: MURELUCE

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0006 CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Battelle Mem. Inst., Richland Site P. O. Box 999, (Msin P7-52) Richland, WA 99352

Telephone: (509) -376-6115

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

# FACILITY LOCATIONS (Sites) - See Atached Listing

• <b>A.</b> ·	B. Number of animal being bred   C. Number of   D. Number of animals   D. Number of animals							
Animals Covered By The Animal Welfare Regulations	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )			
4. Dogs	0	0 .						
5. Cats	0		0	0				
6. Guinea Pigs	0	0	0	0	0			
7. Hamsters		0	. 0	0	<u> </u>			
3. Rabbits	0	0	0	0	0			
). Non-human Primates	0	104	0		0			
0. Sheep	0	0	0	0	104			
	0	0		0	0			
1. Pigs	0		0	0	0			
2. Other Farm Animals	0	0 .	0	0				
		0	0	0	0			
3. Other Animals		-			0			
ttontail	0							
acktail deer	0	0	5	0	. 5			
er mouse	0	0	1	0				
SSURANCE STATEMENTS		0	15	0	15			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the Committee (IACLIC) A summary of all such exceptions is attached to this approal report. In addition to identifying the IACLIC approach exceptions this summary in Inis facility is agreeing to the standards and regulations under the AC, and it has required that exceptions to the standards and regulations be specified and explained by the principal divestigation a Institutional Animal Care and Use Committee (IACOC). A summary of all such exceptions is attached to this animal report at acceptions bird explanation of the exceptions, as well as the species and number of animals affected. There were no exceptions The attending veterinarian for this research facīrty has appropriate authority to

recentianan for this research facility h	as appropriate authority to	TO MOTE IIO	exceptions	
	provision	of adequate veterinan	Care and to	
	CERTIFICATION BY HEADQUARTERS  ( Chief Executive Officer or Legally Bo		care and to oversee the ade	quacy of other aspects of animal care and use.
	(Chief Eventi OF	S RESEARCH FAC	II ITY OFFICIAL	the same and use.
		esponsible Institutio	POLOGICIAL	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OPPICIAL			riai Omciai )	
TO HONAL OPFICIAL	Interior and			
1/2/11/11/11/11	MAME & TITI	LE OF C.E.O. OR INS	TITUTIONAL OFFICIAL (T)	
- CON 111 1/1/2		1 6 1	MONORUL (1)	pe or Print ) DATE SIGNED
APHIS FORM 7023 (Reclares VS FORM)		ed 1111	D.L	<b>1</b> 1
(Replaces VS FORM 18-23 (O	CT 88), which is obsolete )	- V / / /	_ Posten	Nov 3t,
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Interapency Report Control No 0180-DOA-AN

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150, UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See reverse side for additional information. 1. REGISTRATION NO.

CUSTOMER NO. 1019

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as mightered with USDA, include Zip Code)

91-R-0007

BENAROYA RESEARCH INST. AT VIRGINIA MASON 1201 NINTH AVENUE SEATTLE, WA 98101

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, teaching, or experimentalion, or hald for these purposes. Attach additional

See Attached Listing

FACILITY LOCATIONS(##88)

1201-9+hAUE SEATTLE

Animals Covered By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or lests were conducted it volving no pain, distress, or use of pain-relieving drugs.	Y (Attach additional sheets if noce D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Beary or use APHIS FORM 7023A)  E. Number of enimals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which the use of appropriate anesthelic, analysesic, or tranquilizing drups would have adversely effected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drups were not used must be attached to this report)	F.  TOTAL NO.  OF ANIMALS  (Cais, C +  D + E)
4. Dogs	0				0
5. Cats	0				0
6. Guinea Pigs	0				0
7. Harnstera	0				0
8. Rabbita	0				0
9. Non-Human Primates	0				
10. Sheep	0				0
11. Pigs	0				
2. Other Farm Animals	0				0
					0
3, Other Animals	Ð				
					0
					•

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of ancethetic, analgesic, and tranquitizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected,
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate vetering

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CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive O	ove is the correct and services for the corre
SIGNATURE OF CERO PROPERTY IN CONTROL I CONTRO	ove is true, correct, and complete (7 U.S.C. Section 2143)
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C. F.O. OD INC. Section 2143)
A (O + 1)	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  DATE SIGNED
Contraction 1	Lynne Chafetz SVP & Romen of 1218/04
PHIS FORM 7023	
(AUG 91) (Replaces V8 FORM 18-23 (Oct 88), while	ch is obsolete

DEC 17 2004

PART 1 - HEADQUARTERS

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This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to chase and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0007

CUSTOMER NO. 1019

FORM APPROVED OMB NO. 0579-0038

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Namo and Address, as mg/stered with USDA. BENAROYA RESEARCH INST. AT VIRGINIA MASON

1201 NINTH AVENUE SEATTLE, WA 98101

REPORT OF ANIMALS USED BY	OR UNDER CONTROL			(208) 583-6525	
REPORT OF ANIMALS USED BY	B. Number of	T RESEARCH FACILIT	Y (Attach additional sheets if nec	essary or use this form.)	
Ahimels Covered By The Animal Welfare Regulations	animals being bred, conditioned, or hold for use in leaching, losting, axperiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or teats were conducted involving no pain, distress, or use of pain, notioning drugs.	which experiments, teaching, research, surgery, or lests were conducted involving eccompanying pain or distress to the animals and for which appropriate anosthetic, analgeate, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anosthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL N OF ANIMA (Cols. C D+E)
there are	no rec	genterted	animals	at this facility	
<u>.</u>					
URANCE STATEMENTS					
Professionally acceptable slands					

- Professionally acceptable alandards governing the care, treatment, and use of animals, including appropriate use of anesthelic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal invaligator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinaria care and use.

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4	RTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
SIGNATURE OF C.E.O. OR INSTITUTIONAL	PFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL COMP.
Jav.	1) was Charlet SVO C
APHIS FORM 7023A (Repulsices VS F	RM 18-23 (Oct 88), which is obsorbed
han ell	PART 1 - HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information. Interagency Report Control No.:

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0009
CUSTOMER NUMBER: 1020

ANNUAL REPORT OF RESEARCH FACILITY

( TYPE OR PRINT )

Eastern Washington University President'S Office, 214 Shw Cheney, WA 99004

Telephone: (509) -359-2371

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS L	JSED BY OR UNDER (	CONTROL OF RESEAR	CH FACILITY ( Attach additiona	al sheets if necessarv or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analysesic, or tranquilitz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					0
5. Cats					0
6. Guinea Pigs					
7. Hamsters		·			0
8. Rabbits					0
9. Non-human Primates					0
10. Sheep					
11. Pigs					<i>D</i>
12. Other Farm Animals					0
13. Other Animals					0
	1				
		<del></del>		<u> </u>	

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximate (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Stephen M. Jordan, President

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

11/5/04

See attached form for additional information.

1022

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER:

91-R-0017 CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Western Washington University 516 High Street - Ms 9038 Bellingham, WA 98225

Telephone: (360) -650-3220

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	
4. Dogs			used.		
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals	-				· .
3. Other Animals					
				No regulated animals to report	<del></del>
				30 1000	
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

		or Legally Responsible Institutional Official )	
SIGNATURE OF C.E.O. (	OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INCOME.	
M	The.	Moheb A. Ghali, Vice Provost for Research	DATE SIGNED
PHIS FORM 7023	(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)	] Testarch	11/22/0

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information. Interagency Report Control No. -04

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0018 CUSTOMER NUMBER: 1023

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Pierce College Veterinary Technology Dept. 9401 Farwest Drive Sw Lakewood, WA 98498

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary ) REPORT OF ANIMALS USED BY

# FACILITY LOCATIONS (Sites) - See Atached Listing

• • •	B. Number of anima being bred,	al C. Number of	ARCH FACILITY ( Attach addition	See Atached Listing  ional sheets if necessary or use APHIS Form 7023A )  E. Number of animals uses	
Animals Covered  By The Animal	conditioned, or held for use in	animals upon which teaching,	Number of animals upon which experiments,	E. Number of animals	
Welfare Regulations  4. Dogs	teaching, testing, experiments, research, or surgery but not ye used for such purposes.	experiments, or tests were	teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for vidrugs would have adversely affected the procedures, resurgery, or tests. (An explanating experiments, productions of the explanating experiments, productions are surgery, or tests.)	s, F. wh iliz TOTAL NUMBI OF ANIMALS
5. Cats	0	-35.	used.	such drugs were not used must be attached to this repor	C + D + E
		0	17	1	1
Guinea Pigs	0	0		0	+
Hamsters	0	0	15	0	17.
Rabbits	0	0	0		15
	0		0	0	0
Non-human Primates	0	0	0	0	
Sheep		0		0	0
Pigs	0	0	0	0	0
Ather Farm Animals	0 .	0	0		0
Ther Farm Animals	0		0	0	0
Goats	0	3	0	0	
ther Animals		2		0	
			0	0	3
				J .	2
					-
ANCE STATEMENTS			s, including appropriate use of anesteric		

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservables teaching, testing, surgery, or experimentation were followed by this research facility. Each principal investigator has considered alternatives to painful procedures.

his facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approxima This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and apprincipal stitutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in interest in the species and number of animals affected.

ne attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

$\mathcal{A}$	authority to ensure the provision of ad-	identifying the IACUC-app	or or principal investigator and ap
- 0 : // 0	CERTIFICATION BY HEADQUARTERS RESEAR ( Chief Executive Officer or Legally Responsible I	veterinary care and to oversee the adapt	stoophons, this summary in
RE OF C.E.O. OR INSTITUTIONAL OFFI	Chief Executive Officer or Legally Respective	CH FACILITY OFFICIAL	pects of animal care and
	SIAL	······································	und use.
1100111111	NAME & TITLE OF C.E.O.	OR INSTITUTIONAL OFFICIAL (Type or Print)	
M 7023 (Replaces VS FORM 18.	7011	. OR INSTITUTIONAL OFFICIAL (Type or Print)	
,	Dr. Michel	e John	DATE SIGNED
		e Johnson, President	1
			10/21/04

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0023 CUSTOMER NUMBER:

1024

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Central Washington University 400 E. University Way Ellensburg, WA 98926

Telephone: (509) -963-3101

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

Α.	B. Number of animal being bred	C. Number of	D. Number of animals upon	e Atached Listing  nal sheets if necessary or use APHIS Form 7023A)	•
Animals Covered By The Animal Welfare Regulations	conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBE OF ANIMALS  ( COLUMNS C + D + E
. Cats					
Guinea Pigs					
Hamsters					•
Rabbits					
Non-human Primates					
Sheep		4			
Pigs					4
Other Farm Animals					<del></del>
					,
Other Animals					
RANCE STATEMENTS					

- ully acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances. teaching, testing, surgery, or experimentation were followed by this research facility. ) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the Act, and it has required that the Act is a standard to the Act is a st Inis facility is agriening to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations de specified and explained by the principal investigator and explained has exceptions attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in-

The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official ) STATUTIONAL OFFICIAL

NAME & TITLE OF C.E.O., OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

-23-6

ATURE OF

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UG 91)

SLSC FACILITY LOCATIONS (Sites) - See Atached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A ) A. E. Number of animals upon which teaching, experiments, Welfare Regulations teaching, testing, research. teaching, research, research, surgery or tests were conducted involving experiments, or experiments, surgery, or tests were accompanying pain or distress to the animals and for wh tests were research, or conducted involving the use of appropriate anesthetic, analgesic, or tranquiliz surgery but not  $y_{\epsilon}$ accompanying pain or conducted drugs would have adversely affected the procedures, res distress to the animals an used for such involving no pain, or interpretation of the teaching, research, experiments, TOTAL NUMBER distress, or use o for which appropriate purposes. surgery, or tests. (An explanation of the procedures OF ANIMALS pain-relieving anesthetic, analgesic, or producing pain or distress in these animals and the reasc 4. Dogs tranquilizing drugs were drugs. such drugs were not used must be attached to this report (COLUMNS 68 5. Cats C+D+E) 65 3/5 i. Guinea Pigs Hamsters Rabbits Non-human Primates Sheep 3igs ther Farm Animals her Animals INCE STATEMENTS

rofessionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservations, surgery, or experimentation were followed by this research facility.

is facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applications and the standards and report. In addition to identifying the IACUC-approved exceptions, this summary in is facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and apply a support of the exceptions. A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in the summary in th

attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

( Chief Executive Officer or Legally Responsible Institutional Official ) NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) 7023

resident & Director

DATE SIGNED

See attached form for additional information. Interagency Report Control No.: 11-2-04

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 91-R-0030

FORM APPROVED OMB NO. 0579-0036

CUSTOMER NUMBER: 1028

VMRD, Inc. P. O. Box 502 Pullman, WA 99163

Telephone: (509) -334-5815

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS  ( COLUMNS  C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs		,			·
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep		1			1
11. Pigs		9			9
12. Other Farm Animals		i i			
Horses		4			4
13. Other Animals				<u>                                     </u>	
~Goats		10			10
	·				

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances. teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACIL	LITY OFFICIAL
( Chief Executive Officer or Legally Responsible Institution	al Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)
D. Scott Adams, D.V.M., Ph.D.

President and Government Liaison Officer

DATE SIGNED 10/4/04 his report is required by law (7 USC 2143). Failure to report according to the regulations can esult in an order to cease and desist and to be subject to penalties as provided for in Section 215 See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 91-R-0033 CUSTOMER NUMBER: 1031

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Zymogenetics, Inc. 1201 & 1208 Eastlake Avenue East Seattle, WA 98102

Telephone: (206) -442-6775

. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

DEPORT OF ANIMAL C	USED BY OR LINDER (	CONTROL OF RESEAR	CH FACILITY ( Attach addition	al sheets if necessarv or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
1. Dogs			-		
5. Cats					Per "
3. Guinea Pigs			9		9 "
7. Hamsters					pu pi Walk
8. Rabbits			301		301 110
9. Non-human Primates					
10. Sheep					
11. Pigs				<u> </u>	
12. Other Farm Animals					
13. Other Animals					
				·	

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately appro Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.

oner explanation of the exceptions, as well as the expension for this research facility has appropriate author	ority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of a	animal care and use.
CERTIFICATIO	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL itive Officer or Legally Responsible Institutional Official )	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
a prince Abul	Darren R. Hamby, VP- Human	1/10/04

(Replaces VS FORM 18-23 4QCT 88), which is obsolete.) APHIS FORM 7023

Resoucce

November 10, 2004

US Department of Agriculture
Marketing and Regulatory Programs
Animal and Plant Health Inspection Service
Animal Care
2150 Centre Avenue, Building B, Mail Stop 3W11
Ft. Collins, CO 80526

ATTN: Robert M. Gibbens, D.V.M Regional Director – Animal Care Western Regional Office

REF:

Registration No. 91-R-0033

Annual Report of Research Facility

APHIS Form 7023

Dear Mr. Gibbens:

Please find enclosed the completed APHIS form (as referenced above) signed by Darren Hamby, Institutional Official.

If you have any questions or require additional information, please notify our office immediately by contacting the undersigned at (b)(6), (b)(7)c or via Email at (b)(6), (b)(7)c Thank you for your time and consideration.

Sincerely. (b)(6), (b)(7)c

Vivarium Manager

Enclosure

Cc: Darren Hamby
Director, Human Resources (Institutional Official)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

CC: KNUM HAUNCOM

Interagency Report Control No.: SIN See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 91-R-0036 CUSTOMER NUMBER: 1032

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Seattle Biomedical Res. Inst. 307 Westlake Avenue North, Suite 500 Seattle, WA 98109

Telephone: (206) -284-8846 TP 11/09/04

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER (	CONTROL OF RESEAR	CH FACILITY ( Attach additiona	sheets if necessary or use APHIS Form 7023A)	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
i. Dogs					
i. Cats					• .
i. Guinea Pigs					
*. Hamsters					
. Rabbits					
. Non-human Primates					
J. Sheep	i i		·		
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
ere were no U	SDA regulate	l species us	ed at SBRI during	this reporting period.	;
ASSURANCE STATEMENT	S				

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executiv	e Officer or Legally Responsible Institutional Official )

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Ken Stuart, President and Director

APHIS FORM 7023 ( ALIC D1 )

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 91-R-0037

CUSTOMER NUMBER: 1033 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Icos Corporation 22021 - 20th Avenue Se Bothell, WA 98021

Telephone: (425) -485-1900

REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

ICOS Corporation

Building 1 and FACILITY LOCATIONS (Siles) - See Atached Listing

Building 4 South 22021 20th Av. SE

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	OF ANIMALS  ( COLUMNS  C + D + E )
Dogs		7			7
Cats		V.			
Guinea Pigs		582			582
Hamsters		11			11
Rabbits					
Non-human Primates					
). Sheep					
. Pigs					
2. Other Farm Animals					
		<del></del>			
. Other Animals					
			1.		
· · · · · · · · · · · · · · · · · · ·					

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

( Chief Executive Officer or Legally Responsible Institutional Official )

DATE SIGNED

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Paul N. Clark, President and CEO

LO-21-04

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 213 See attached form for additional information.

1033

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 91-R-0037

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Icos Corporation 22021 - 20th Avenue Se Bothell, WA 98021

CUSTOMER NUMBER:

Telephone: (425) -485-1900

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

ICOS Corporation

Building 1 and FACILITY LOCATIONS (Sites) - See Atached Listing

22021 20th Av. SE Building 4 South

REPORT OF ANIMALS	USED BY OR UNDER (	CONTROL OF RESEAR	RCH FACILITY ( Attach additional	al sheets if necessarv or use APHIS Form 7023A)	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBEF OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs		7			7
5. Cats		k			
6. Guinea Pigs		582			582
7. Hamsters		11			11
8. Rabbits	·				
9. Non-human Primates					
0. Sheep				-	
1. Pigs		· · · · · · · · · · · · · · · · · · ·			
2. Other Farm Animals		-		i i	<del> </del>
	•			. e	
3. Other Animals			: : :		

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservables teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Paul N. Clark, President and CEO

DATE SIGNED 10-21-04 October 26, 2004

Robert M. Gibbens, D.V.M. Regional Director, Western Region USDA, APHIS, Animal Care 2150 Centre Avenue Building B, Mail Stop 3W11 Ft. Collins, CO 80526

Dear Dr. Gibbens:

Enclose are two copies of the "Annual Report of Research Facility" (APHIS form 7023) for our facility 91-R-0037 as requested.

I also take the opportunity to introduce myself, my name is (b)(6), (b)(7)c and I am the new Animal Facility Manager at ICOS Corporation, if you have any questions please feel free to call anytime.

Thank you (b)(6), (b)(7)c

ICOS Animal Facility Manager

This report is required by law (7 USC 2143). Failure to report according to the regulations can esult in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0038

CUSTOMER NUMBER: 1034

FORM APPROVED OMB NO. 0579-0036

## (b)(6), (b

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

(b)(6), (b)(7)c

R & R Rabbitry 20004 Happy Valley Rd. Stanwood, WA 98292

Telephone: (360) -652-7157

. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

Lab Room 1

FACILITY LOCATIONS (Sites) - See Atached Listing

Surger Suite 1,2

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
Dogs					
Cats					
Guinea Pigs		3			3
Hamsters					
Rabbits	568	369	12		381
Non-human Primates		·			
. Sheep			10		10
. Pigs			821		168
. Other Farm Animals					
Goats		a			<del>Q</del>
. Other Animals					
7	-				

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

( Chief Executive Officer or Legally Responsible Institutional Official )

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

10-4-04

Interagency Report Control No. See attached form for This report is required by law (7 USC 2143). Failure to report according to the regulations can additional information. result in an order to cease and desist and to be subject to penalties as provided for in Section 215 UNITED STATES DEPARTMENT OF AGRICULTURE 1. CERTIFICATE NUMBER: FORM APPROVED 91-R-0039 OMB NO. 0579-0036 ANIMAL AND PLANT HEALTH INSPECTION SERVICE CUSTOMER NUMBER: 8220 Walla Walla Fire Dept./City Of Walla Walla ANNUAL REPORT OF RESEARCH FACILITY 200 S. 12th Ave. Walla Walla, WA 99362 (TYPE OR PRINT) Telephone: (509) -527-4429 3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary ) FACILITY LOCATIONS (Sites) - See Atached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A ) F. Number of E. Number of animals upon which teaching, experiments, D. Number of animals upon A. B. Number of animal animals upon which experiments, research, surgery or tests were conducted involving being bred. conditioned, or which teaching, teaching, research, accompanying pain or distress to the animals and for wh TOTAL NUMBER the use of appropriate anesthetic, analgesic, or tranquiliz **Animals Covered** held for use in research. surgery, or tests were OF ANIMALS drugs would have adversely affected the procedures, res conducted involving By The Animal teaching, testing, experiments, or or interpretation of the teaching, research, experiments, accompanying pain or tests were Welfare Regulations experiments, (COLUMNS conducted distress to the animals an surgery, or tests. (An explanation of the procedures research, or producing pain or distress in these animals and the reasc for which appropriate C+D+E) surgery but not ye involving no pain, distress, or use of anesthetic, analgesic, or such drugs were not used must be attached to this report used for such pain-relieving tranquilizing drugs were purposes. drugs. used. 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approxim Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

2004 Renewal

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for / 2/6/0 / Interagency Report Control No o180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0040 CUSTOMER NO. 8221

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CLOUDED LEOPARD RESEARCH & CONS. PROJECT

CLOUDED LEOPARD RESEARCH & CONS. PROJECT 324 WEST GIBBS RD. SPOKANE, WA 99224

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

REPORT OF ANIMALS USED BY C	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	·				0
5. Cats	This	'organi	ection ha	s kept he onima	£5
6. Guinea Pigs	04	any Kii	rd for	Severel years, ho	) <i>i</i> -
7. Hamsters	Cine	lucted o	my activit	ies of any kin	2 <b>l</b>
8. Rabbits	Sur	Severe	d years.		***************************************
9. Non-Human Primates					
10. Sheep	The	s Cryoni	ection 15	entirely defunct	
11. Pigs	One	é has	bean	entirely defunct dissolved on term	inched.
12. Other Farm Animals					-
		Sine	epely,	e di	
13. Other Animals		<i>(</i> -	al IN	ully.	
		FRED	J. RUNK		<b>V</b>
		Serv		CLRCP	· ·
			(509) 44	8-1612 frunkel@	136,015
ASSURANCE STATEMENTS				•	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive C	Officer or Legally Responsible Institutional official)	
I certify that the ab	pove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Enf Mule	FRED 5 RUNKEZ Serm president CLRip	11-27-09

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

**PART 1 - HEADQUARTERS** 

### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number: Customer Number:

91-R-0040

8221

Facility:

CLOUDED LEOPARD RESEARCH & CONS. PROJECT

324 WEST GIBBS RD. SPOKANE, WA 99224

CLOUDED LEOPARD RESEARCH & CONS. PROJECT 324 WEST GIBBS RD. SPOKANE, WA 99224

report is required by law (7 USC 2143). Failure to report according to the regulations can t in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information.

1035

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0042

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Reproductive Assays Lab. 502 South M St. #300 Tacoma, WA 98405

CUSTOMER NUMBER:

Telephone: (253) -475-5433

PORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
Dogs	0	0	0	0	0
Cats	0	0	0	0	0
Suinea Pigs	0	0	0	0	3
lamsters	160	0	74	O Per merriage	90-79
Rabbits	0	0	0	0 12-14-04	0
Non-human Primates	0	0	0	o fa Jell	0
Sheep	6	0	0	o Robinett	0
Pigs	0	0	0	0	0
Other Farm Animals	Ö	0	0	0	0
				0	
Other Animals	O	0	0	0	0

#### SURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximate and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

IGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Jeff Robinette (Lab Superison)

9/27/04

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215 See attached form for additional information.

1036

Interager	LH CLILL ICV: Report	Control No.22
	16/0	

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0043

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Bio Res. Laboratories, Inc. 2897 152nd Ave. Ne Redmond, WA 98052

CUSTOMER NUMBER:

Telephone: (425) -869-4224

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

R.	EPORT OF ANIMALS	USED BY OR UNDER (	CONTROL OF RESEAR	RCH FACILITY ( Attach additiona	al sheets if necessary or use APHIS Form 7023A)	
A.	Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. {	Pogs		1			
5. (	Cats	·				
6. (	Guinea Pigs					
7. I	Hamsters				·	
8. F	Rabbits		6			6
9. 1	Non-human Primates					
١٥. ٤	Sheep					, , , , , , , , , , , , , , , , , , , ,
11. F	Pigs					
12. (	Other Farm Animals					
3. C	Other Animals					
	Rats		93			93
	Mice		40			40
		-				

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestatic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

John J. Majnarich, Ph.D. President

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0048 CUSTOMER NO. 1281

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 SONUS PHARMACEUTICALS, INC.

SONUS PHARMACEUTICALS, IN 22026 20TH AVENUE SE BOTHELL, WA 98021

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research,	testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.)  FACILITY LOCA	ATIONS(sites)
SONUS PHARMACEUTICALS, INC. BOTHELL, WA 98021	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Esary or use APHIS FORM 7023A)  E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic,analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F.  TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					·
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Michael A. Martino	Michael A. Martino, President & CEO	11/08/2004

ils report is required by law (7 USC 2143). Failure to report according to the regulations can sult in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information. (1)

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

CERTIFICATE NUMBER: 91-R-0049

CUSTOMER NUMBER: 1284

**Targeted Genetics Corporation** 1100 Olive Way, Suite #100 Seattle, WA 98101

Telephone: (206) -623-7612

REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y∉ used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBEF OF ANIMALS  ( COLUMNS C + D + E )
Pogs	Ø	Ø	Ø	Ø	Ø
Cats	Ø	Ø	Ø	Ø	Ø
Guinea Pigs	Ø	Ø	Ø	Ø	Ø
Hamsters	Ø	Ø	Ø	Ø	Ø
Rabbits	Ø	Ø	Ø	Ø.	Ø
Non-human Primates	Ø	Ø	Ø	Ø	Ø
Sheep	Ø	Ø	Ø	Ø	Ø
Pigs	Ø	Ø	Ø	Ø	Ø
Other Farm Animals	Ø	Ø	Ø	Ø	Ø
Other Animals	Ø	Ø	Ø	Ø	Ø

#### SSURANCE STATEMENTS

**APHIS FORM 7023** 

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approxim Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERT	TIFICATION BY HEADQUARTERS RESEARCH	FACILITY OFFICIAL
( C	Chief Executive Officer or Legally Responsible Insti	tutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

HSTEWART Parker Pres. + CEO

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

#### **APHIS Form 7023 Site List**

The following sites have been reported by the facility.

Registration Number:

91-R-0049

Customer Number:

1284

Facility:

TARGETED GENETICS CORPORATION

1100 OLIVE WAY, SUITE #100

SEATTLE, WA 98101 (206) 623-7612

TARGETED GENETICS CORPORATION 1100 OLIVE WAY, SUITE #100 SEATTLE, WA 98101

its report is required by law (7 USC 2143). Failure to report according to the regulations can sult in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information. (1) 29/64

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 91-R-0051

FORM APPROVED OMB NO. 0579-0036

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NUMBER: 1722

Yakima Valley Community College P.O. Box 22520

Yakima, WA 98907

Telephone: (509) -574-4600

REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )							
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilitz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS  ( COLUMNS  C + D + E)		
Dogs		72	64	0	136		
Cats	0	87	45	0	132		
Guinea Pigs .		0		0	0		
Hamsters					0		
Rabbits					0		
Non-human Primates		-			0		
Sheep					0		
Pigs					0		
Other Farm Animals							
Other Animals							

#### SSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

a fanciola

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

PHIS FORM 7023

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0052

CUSTOMER NO. 1822

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) SKELETECH

22002 26TH AVE, SE; STE 104.. BOTHELL, WA 98021

BOTHELL, WA 98021		•			
			VAN a hadding about if necessary	SSOLOCUES APHIS FORM 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Esary or use APHIS FORM 7023A)  E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats			·		
6. Guinea Pigs			70		70
7. Hamsters					
8. Rabbits			56		56
9. Non-Human Primates	·				
10. Sheep			·	·	
11. Pigs	-				
12. Other Farm Animals					
13. Other Animals				0	
					1

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional official)    certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Dr. Chris Jerome, B.Vet.Med., Ph.D	Dr. Chris Jerome, B.Vet.Med., Ph.D	10/12/2004			

**ASSURANCE STATEMENTS** 

e anacieo iorm for additional information. interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 91-R-0052 CUSTOMER NUMBER: 1822

OMB NO. 0579-0036

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Skeletech 22002 26th Ave, Se; Ste 104.. Bothell, WA 98021

Telephone: (425) -424-2663

PORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

PORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )							
Animals Covered By The Animal Velfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yε used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS		
iogs							
ats			·				
Suinea Pigs			70		70		
lamsters							
labbits			56		56		
Ion-human Primates							
iheep							
'igs		·					
Other Farm Animals			·				
)ther Animals							
	<del></del>		4				

#### SURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately appro Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

SNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Chris P. Jerome, B. Vet Med., Ph.D.

DATE SIGNED

IIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

( AUG 91 )

eport is required by law (7 USC 2143). Failure to report according to the regulations can in an order to cease and desist and to be subject to penalties as provided for in Section 215 See anached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 91-R-0053 CUSTOMER NUMBER: 11124

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

SNBL USA, Ltd 6605 Merrill Creek Parkway Everett, WA 98203

Telephone: (425) -407-0121

PORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

PORT OF ANIMALS UNIMALS UNIMALS UNIMALS COVERED By The Animal Pelfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS
ogs					
ats					
iuinea Pigs					
amsters					
abbits	. 13	70	0	0	70
lon-human Primates	1535	833	1599	0	2432
Sheep					
Pigs					
Other Farm Animals					
Other Animals				c	
<u> </u>	<u> </u>				

## SURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

IGNATURE OF C.E.O. OF INSTITUTIONAL OFFICIAL

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately appro Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Steven Meyer, President

DATE SIGNED

PHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)



SNBL U.S.A., LTD. 6605 Merrill Creek Parkway Everett, Washington 98203 Tel: 425.407.0121

Fax: 425.407.8601

October 7, 2004

Dr. Robert M. Gibbens
Regional Director, Animal Care
Western Region
Regulatory Enforcement and Animal Care
Animal and Plant Health Inspection Service
United States Department of Agriculture
2150 Centre Avenue
Building B
Mail Stop #3W11
Fort Collins, CO 80526

Dear Dr. Gibbens:

Enclosed please find the SNBL USA, Ltd. "Annual Report of Research Facility". There have been no exceptions to the regulations and standards approved by the IACUC.

If you have any questions or concerns, please do not hesitate to contact me.

Most Sincerely,

(b)(6), (b)(7)c

IACUC Administrator

**Enclosures** 

See attached form for additional information.

I ( / Interagency Report Control No.:

Sile V

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0054

CUSTOMER NUMBER: 15097

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Triple J Farms & Kent Labs 777 Jorgensen Place Bellingham, WA 98226

Telephone: (360) -398-9512

REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )						
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilizings would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )	
. Dogs		,				
. Cats						
Guinea Pigs						
Hamsters						
Rabbits	4	5			5	
Non-human Primates						
I. Sheep		5	·		_ 5	
. Pigs						
2. Other Farm Animals						
Goats		10			10	
3. Other Animals						
			,			
	<del></del>	<del></del>	<del></del>			

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.

(4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF 25,0. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

PNON

DATE SIGNED

10/i/C

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)



## UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE (APHIS)



# FY2004 APHIS Form 7023 Submission Assurance Statements and Signature Submission

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE					
ANNUAL R	EPORT OF RESEARCH FACILITY				
Registration No:	91-R-0055 / 10011				
Headquarters Research Facility:	CORIXA CORPORATION 1124 COLUMBIA STREET, SUITE 200 SEATTLE, WA 98104-2840 T: (406) 363-6214				
ASSURANCE STATEMENTS					
	e care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, ing actual research, teaching, testing, surgery, or experimentation were followed by this				
Each principal investigator has considered alternated.	tives to painful procedures.				
3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.					
<ol> <li>The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.</li> </ol>					
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
Signature of C.E.O. or Institutional Official	Name & Title of C.E.O. or Institutional Official Date Signed:  11/03/2004  Teres M. Foy Director, Breched C1/3/04				

Submit

11 - 11 - 220

CORIXA CORPORATION HAMILTON, MT 59840

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 91-R-0055

CUSTOMER NO. 10011

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) CORIXA CORPORATION

1124 COLUMBIA STREET, SUITE 200 SEATTLE, WA 98104-2840

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

**FACILITY LOCATIONS**(sites)

REPORT OF ANIMALS USED BY	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)								
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)				
4. Dogs									
5. Cats									
6. Guinea Pigs		386			386				
7. Hamsters			21		21				
8. Rabbits			44		44				
9. Non-Human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals									
13. Other Animals									
ASSURANCE STATEMENTS									

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Teresa Foy	Teresa Foy (Instutional Official	11/03/2004			

port is required by law (7 USC 2143). Failure to report according to the regulations can n an order to cease and desist and to be subject to penalties as provided for in Section 21! See attached form for additional information. Interagency Report Control No.:

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 91-R-0056 CUSTOMER NUMBER: 20493

The Institute For Systems Biology

1441 N. 34th Street Seattle, WA 98103

206-732-1221

ORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

	TV OR UNDER CO	ONTROL OF RESEAR	CH FACILITY ( Attach additiona	al sheets if necessary or use APHIS Form 7023A	
Animals Covered By The Animal		C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
					0
ogs 					0
ats	,				0
iuinea Pigs	P				0
lamsters					0
tabbits			* .		0
lon-human Primates					0
Sheep					
Pigs					0
Other Farm Animals					0
- Jailer Fairtry Chinese					
3		-			0
Other Animals					
•	·				

### SURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

DATE/SIGNED 16/04

R INSTITUTIONAL OFFICIAL SIGNATURE OF

NAME & TITLE OF GE.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information.

CC: K. Hausson 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 91-R-0057

CUSTOMER NO. 23329

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) SOUND PHARMACEUTICALS, INC.

4010 STONE WAY N SUITE 120 SEATTLE, WA 98155

(206) 634-2559

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

sheets if necessary.)

FACILITY LOCATIONS (sites)

Institue for Systems Biology

1441 N 34th St

Seattle WA 98103-8904

REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	RESEARCH FACILITY	(Attach additional sheets if necess	eary or use APHIS FORM 7023A)	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	,				
5. Cats		,			
6. Guinea Pigs			4		4
7. Hamsters			-2		
8. Rabbits				-	
9. Non-Human Primates	100		4.0		
10. Sheep					
11. Pigs					
12. Other Farm Animals					
					- N
13. Other Animals	-			p	
			-		
ACCUPANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL re Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Trusta 40	Jonathan Kil President & CEO	11/19/04

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information

Little Haulanik
Interagency Report Control No ce's Euth

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Department of Veteraus Affairs Headquarters 810 Vermont Avenue NW Washington, DC 20420

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

1. REGISTRATION NO.

91--V--001

#### **FACILITY LOCATIONS (Sites)**

663-VA Puget Sound Health Care System

1660 S. Columbian Way <u>Seattle, WA 9</u>8108

EPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO. OF ANIMALS  (Cols. C + D + E)
: Dogs	0	0	10		10
Cats	0	0	0		. 0
. Guinea Pigs	0	0	44		44
. Hamsters	0	0	0		0
. Rabbits	21	0	135		135
. Non-human Primates	0	0	0		0
0. Sheep	0	0	0		0
1. Pigs	0	0	9		9
2. Other Farm Animals					
3. Other Animals					

#### SSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

## CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

IGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Timothy B. Williams Chief Executive Officer DEC - 1 2004

This report is required by law (7 USC 2143). Failure to report according to the regulations care result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

e reverse side for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-V-001

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

Department of Veterans Affairs Headquarters 810 Vermont Avenue NW Washington, DC 20420

I. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

**FACILITY LOCATIONS (Sites)** 

663-VA Puget Sound Health Care System

1660 S. Columbian Way

Seattle, WA 98108

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO. OF ANIMALS  (Cols. C + D + E)
. Dogs	0	0	10		10
Cats	0	0	0		0
. Guinea Pigs	0	0	44		44
. Hamsters	0	0	0	'	0
. Rabbits	21	0	135		135
. Non-human Primates	0	0	0		0
0. Sheep	0	0	0		0
1. Pigs	0	0	9		9
2. Other Farm Animals					
3. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DEC 13 2004

IGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Timothy B. Williams

Chief Executive Officer

DATE SIGNED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: CUSTOMER NUMBER:

92-F-0004 1262

FORM APPROVED

Interagency Report Control No.:

OMB NO. 0579-0036,

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Usda - Forestry And Range Sciences Lab Starkey Deer & Elk Res. & Dev. 1401 Gekeler Lane

See attached form for

additional information.

La Grande, OR 97850

Telephone: (541) -963-7122

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS
4. Dogs					
5. Cats			·		
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
					1-15
13. Other Animals					atelen.
TAME ELK	36	22			22
WIND ELK		391		\$	391
WILT PEER		52			52

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following a teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  DATE &  11/4	IGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 92-R-0001

CUSTOMER NO. 1046

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) OREGON HEALTH & SCIENCES UNIV.

3181 SW SAM JACKSON PARK RD., ,#L335 PORTLAND, OR 97201

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research,	testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.) FACILITY LOCA	ATIONS(sites)
OREGON HEALTH & SCIENCES UNIV. PORTLAND, OR 97201	
OREGON HEALTH & SCIENCES UNIV WEST CAMPUS PORTLAND, OR 97201	ACIUIS EOPM 7023A

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Sary or use APHIS FORM 7023A)  E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic,analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
I. Dogs			7		7
5. Cats	2	2	11		13
6. Guinea Pigs	6		771		771
			303		303
7. Hamsters			195		195
8. Rabbits	2330	698	913		1611
9. Non-Human Primates	2330		248		248
10. Sheep			329		329
11. Pigs			020		
12. Other Farm Animals					
13. Other Animals					
To, Calor / similar					ļ
					1

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

(Chief Executive (	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official)	
1 4'E 4h at the of	oove is true, correct, and complete (7 U.S.C. Section 2143)  NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/24/2004
	DAPT 1 - H	EADOLIARTERS

See attached form for additional information. CA 6. H: 11-15-04 Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 92-R-0002 CUSTOMER NUMBER: 1047

FORM APPROVED OMB NO. 0579-0036

Laris

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Legacy Health Systems - Res. Admin. P. O. Box 3950

Portland, OR 97208

Telephone: (503) -413-1690

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

## FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
1. Dogs	,	<u> </u>			0
5. Cats			6		6
Guinea Pigs	<del></del>		U		0
					0
7. Hamsters					0
3. Rabbits		<u> </u>			30
Non-human Primates			30		12
0. Sheep			12		252
1. Pigs			252		434
2. Other Farm Animals					
13. Other Animals		Y			
			9		9
Opossums					

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately appro Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

<ol> <li>The attending veterinarian for this research facility has appropriate authority to ensure</li> </ol>	the provision of adequate veterinary core and to	
CERTIFICATION BY HEAD	DQUARTERS RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official)	<u> </u>
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  Anthony J. Melaragno, MD, Chief of	Research 1/5/04
Willy 11 m	Tall Carry	

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (QCT 88), which is obsolete.)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 92-R-0005

CUSTOMER NO. 1048

FORM APPROVED OMB NO. 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) OREGON STATE UNIVERSITY 312 KERR ADMINISTRATION BUILDING

RESEARCH OFFICE CORVALLIS, OR 97331

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

OREGON STATE UNIVERSITY CORVALLIS, OR 97331

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
. Dogs		2	35		37
i. Cats			10		10
6. Guinea Pigs		32			32
7. Hamsters		53			53
3. Rabbits			58		58
9. Non-Human Primates					
10. Sheep			37		37
11. Pigs			113		113
12. Other Farm Animals					
Cow		1	1		2
13. Other Animals					
Camelids		6	54		60
Mule Deer			30	3	30

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of attitude care and see					
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
	Dr. G. R. Holdren Vice Provost for Research - IO	11/23/2004			

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 92-R-0005

CUSTOMER NO. 1048

FORM APPROVED OMB NO. 0579-0036

## CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) OREGON STATE UNIVERSITY

312 KERR ADMINISTRATION BUILDING RESEARCH OFFICE CORVALLIS, OR 97331

ORT OF ANIMALS USED BY Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic,analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C+ D+E)
	purposes.	, felleving drugo.	12		12
onies					50
orses		17	33		
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		1			
· ·		<u> </u>			
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				2	
	1				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the rins racinity is admening to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In principal investigator and approved by the institutional Animal care and use continuited (IACCC). A summary of all the exceptions is attached to this similar report in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

ſ	The attending veterinarian for this research facility has appropriate auties aspects of animal care and use.  CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL  HEADQUARTERS RESEARCH FACILITY OFFICIAL  HEADQUARTERS RESEARCH FACILITY OFFICIAL	
١	(Chief Executive O	ove is true, correct, and complete (7 U.S.C. Section 2143)  NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	OF CE O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OK INOTHER	11/23/2004
-	G. (Rich) Holdren	Dr. G. R. Holdren Vice Provost for Research - IO	HEADQUARTERS
	O. (Tilot)	PARITI	ILADGOTATION

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 92-R-0007 CUSTOMER NUMBER: 1050

See attached form for

additional information.

FORM APPROVED

OMB NO. 0579-0036

Interagency Report Control No.

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Portland State University - Ogsr P. O. Box 751 Portland, OR 97207

Telephone: (503) -725-3423

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

TEL OIL OIL TELLE				E. Number of animals upon which teaching, experiments,	F.
A.  Animals Covered  By The Animal  Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y∈ used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	75	0	.0	75
8. Rabbits	0	11	0	0	11
Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
12. 3		-			
13. Other Animals	O	0	0	0	0
	+				
					·

### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances. teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately in the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately in the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately in the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately in the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards are provided by the principal investigator and approximately in the standards are provided by the principal investigator and approximately in the standards are provided by the principal investigator and approximately in the standards are provided by the principal investigator and approximately in the standards are provided by the principal investigator and approximately in the standards are provided by the principal investigator and approximately in the standards are provided by the principal investigator and approximately investigator and Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

William H. Feyerherm

Vice Provost, Grad Studies

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

( AUG 91 )

See attached form for additional information.

WITHUIDER Interagency, Report Control No.

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 92-R-0008 1052 CUSTOMER NUMBER:

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

University Of Oregon 1258 University Of Oregon Eugene, OR 97403

Telephone: (503) -346-4958

10/1/03 - 9/30/04

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

Streisinger Hu

		NITROL OF PESEAR	CH FACILITY ( Attach additions	al sheets if necessary or use APHIS Form 7023A 1	
	SED BY OR UNDER CO  B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whith the use of appropriate anosthetic, analgedic, or tranquilized rugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats			3		2
6. Guinea Pigs			2		
7. Hamsters			1111		47
8. Rabbits	3		44		2
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
			:		
13. Other Animals					
				· ·	
·					
	•				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research ASSURANCE STATEMENTS teaching, testing, surgery, or experimentation were followed by this research facility.
  - 2) Each principal investigator has considered alternatives to painful procedures.
  - This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approxim Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

APHIS FORM 7023 (AUG 91)

FAX NO. :541-346-0588

Nov. 29 2004 11:46AM

cc & 6. Hallberg

See attached form for

Interagency Report Control No.:

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desict and to be subject to penalties as provided for in Section 215

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

10/1/03 - 9/30/04

1. CERTIFICATE NUMBER: 92-R-0008

additional information.

CUSTOMER NUMBER: 1052

FORM APPROVED OMB NO. 0579-0036

University Of Oregon 1258 University Of Oregon Eugene, OR 97403

Telephone: (503) -346-4958

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attnch additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Attached Listing

Streisinger Hal

EPORT OF ANIMALS US  Animals Covered  By The Animal  Wedlere Regulations	BED BY OR UNDER C B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of snimsis upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate gnesthetic, analysisic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anosthetic, analgesic, or tranquific drugs would have adversely effected the procedures, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS  ( COLUMNS
Dogs		-			
. Cats		<b></b> _	2		2
. Guinea Pigs				Quy mess (b)(6), (b)(7)c	
. Hamsters	·		44	44	77
8. Rabbits	3		2		2.
9. Non-human Primates		<u> </u>	4		
10, Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestotic, analgesic, and tranquilizing drugs, prior to, during, and following actual resc: ASSURANCE STATEMENTS teaching, testing, surgery, or experimentation were followed by this research facility.

  - This spellity is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applications to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations to the standards are standards as the standards are standards as the standards are standards are standards as the s Each principal investigator has considered alternatives to painful procedures. This tectility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applications to the standards and regulations be specified by the principal investigator and applications to the standards and regulations be specified by the principal investigator and applications to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified by the principal investigator and applications are standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified by the principal investigator and applications are standards.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolute.)

( AUG 91 )

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 92-R-0019

CUSTOMER NUMBER: 1054

See attached form for

additional information.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Animal Foundation, Inc. 621 River Ave. Eugene, OR 97404

Telephone: (541) -689-9394

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS
			0	<i>₽</i>	6
l. Dogs		0	<i>D</i> -	O.	0
5. Cats	<u> </u>	2	<i>0</i> -	0	6
6. Guinea Pigs 	0	8	0	0	θ.
8. Rabbits	0	A .	0		0
9. Non-human Primates	-0-	À	0	0	0
10. Sheep	A	8	8	<del></del>	0
11. Pigs	-0	8	0	0	0
12. Other Farm Animals	8	8	4	U	8
13. Other Animals	0	0	0	ė.	0

### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved to the control of the care of th teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

Socien

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately appro Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the experience account on the exceptions. brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) THERESA SLOCUM,

PRESIDENT

DATE SIGNED

APHIS FORM 7023 ( AUG 91 )

Kellsa

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

NOV - 4 2004

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-R-0020

CUSTOMER NO. 8222

FORM APPROVED OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) LINFIELD COLLEGE

900 SOUTH EAST BAKER MCMINNVILLE, OR 97128

ata if necessary.)		FA	CILITY LOCA	TIONS(Sites)	r experimentation, or held for these purposes. Attach additi	
ets if necessary.)						
ELD COLLEGE INNVILLE, OR 97128						
					APHIS FORM 7023A)	
	CONTROL OF	RESEARCH FACILITY	(Attach additi	onal sheets if neces	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress conducted involving accompanying pain or distress.	F.
ORT OF ANIMALS USED BY C	B. Number of	C. Number of	D. Number	of animals upon periments,	Number of animals upon which teaching experiments, research, surgery or tests were conducted involving accompanying pain or distress conducted involving accompanying the use of appropriate.	TOTAL NO. OF ANIMALS
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or	teaching surgery conduct accomp distress and control	, research, or tests were ed involving anylog pain or to the animals which appropriate etic, analgesic, or lizing drugs were	conducted involving accompanying better to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	(Cols. C + D + E)
	yet used for such purposes.	use of pain- relieving drugs.	used.		THIS CO.	-
Dogs						
Cats						
Guinea Pigs	-					
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. Rabbits						
). Non-Human Primates						_
10. Sheep		-	_			
11. Pigs						_
12. Other Farm Animals						
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13. Other Animals						
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					oriate use of anesthetic, analgesic, and tranquilizing drugs, troch facility.	

- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC) as summary of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

	addition to identifying the IACOC application and appropriate auth	ority to ensure the provision of additional to the provision o	
	addition to identifying the incoord-property of the attending veterinarian for this research facility has appropriate auth	DESEARCH FACILITY OFFICIAL	
	aspects of affiliation BY	HEADQUAR I Elico (La resible Institutional official)	!
I			DATE SIGNED
١	I certify that the aut	ove is true, correct, and complete (7 U.S.C. Securit 2149)  NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/17/2004
		D. N. Drocident of Linfield College	
		PART 1 - H	<b>IEADQUARTERS</b>
	Vivian A. Bull, PhD	L. A. L. Absolate	

addition to identifying the IAOOO opportunities	authority to ensure the provision of documents	
addition to identifying the incoord of this research facility has appropriate  The attending veterinarian for this research facility has appropriate and use.	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  Officer of Legally Responsible Institutional official)	
aspects of animal care and use.	BY HEADQUARTERS RESEARCH FACILITY (official)	
CERTIFICATION	Officer or Legally Responsible Institutional Officer	20150
(Chief Executive		dint) DATE SIGNED
I certify that the	e above is true, correct, and complete (7 U.S.C. Securit 2116)  NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or P	,
OFFICIAL OFFICIAL	NAME & TITLE OF C.E.O. SITTING	11/17/2004
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	Vivian A. Bull, President of Linfield College	
SIGIRAL COMP.	Vivian A. Bull, President of Chinasa	PART 1 - HEADQUARTERS
Vivian A. Bull, PhD		PART 1 - HEADQUARTER
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s report is required by law (7 USC 2143). Failure to report according to the regulations can ault in an order to cease and desist and to be subject to penalties as provided for in Section 21t

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 92-R-0022 CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Portland Community College Po Box 19000/12000 Sw 49th Ave Portland, OR 972 80-0990

See attached form for additional information.

Telephone: (503) -614-7461

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary ) Campus Preside FACILITY LOCATIONS (Sites) - See Atached Listing County: Washington

Portland, OR 97229-1744 Rock Creek Campus ( Attach additional sheets if necessary or use APHIS Form 7023A )

Animals Covered By The Animal Welfare Regulations	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for who the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, rese or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
	parpessi	drugs.	11	0	20
Dogs	0	22	10	0	
Cats	10	10	0	0	1
Guinea Pigs	4	11		0	1
Hamsters	0	1	0	0	5
	0	3	2	0	0
3. Rabbits	0	- 0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep		0	0	U	
11. Pigs	0	<del>_</del>			+
12. Other Farm Animals			0	0	
Horse	0	11			
13. Other Animals				0	$\frac{1}{1}$
Gerbils	0	1	0		

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual re-ASSURANCE STATEMENTS teaching, testing, surgery, or experimentation were followed by this research facility.

  - 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and the facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and the facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations the IACIIC approach exceptions. Inis facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specimed and explained by the principal investigator and institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary brief explanation of the exceptions, as well as the exceptions and number of spinals affected.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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APHIS FORM 7023 ( AUG 91 )

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE See attached form for additional information. Interagency Report Control No.: Der

2

FORM APPROVED OMB NO. 0579-0036

1. CERTIFICATE NUMBER: 92-R-0031 CUSTOMER NUMBER: 1057

George Fox University 414 N. Meridian Street Newberg, OR 97132

Telephone: (503) -538-8383

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. N c h te	Y OR UNDER C umber of animal eing bred, onditioned, or eld for use in eaching, testing, experiments, research, or surgery but not y€	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or	D.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate expectabilic, analgesic, or	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	F.  TOTAL NUMBEI OF ANIMALS  ( COLUMNS C + D + E
		used for such purposes.		pain-relieving drugs.	-	tranquilizing drugs were used.	+		
Dogs			1		+		$\dagger$		
5. Cats			1		+		+		-
6. Guinea Pigs			1		+		$\top$		
7. Hamsters	1		+		+	10	1		10
8. Rabbits			4		+	10			-
9. Non-human Primates			4		-				-
10. Sheep			_		+				
11. Pigs									
12. Other Farm Animals	-								
13. Other Animals									
	+								
	$\dashv$							Conceptatic analogsic, and tranquilizing drugs, prior to, duri	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual restances to the standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual restances to the standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual restances to the standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual restances to the standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual restances to the standard graph of the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual restances to the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual restances to the care, the care actual restances to the care, and ASSURANCE STATEMENTS teaching, testing, surgery, or experimentation were followed by this research facility.

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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and a Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) H. David Brandt, PhD

President

DATE SIGN

APHIS FORM 7023 ( AUG 91 )

SIGNATURE

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT.)

See attached form for additional information.

1820

Interagency Report Control No.:

FORM APPROVED OMB NO. 0579-0036

Southern Oregon University 1250 Siskiyou Blvd. Ashland, OR 97520

1. CERTIFICATE NUMBER: 92-R-0037

CUSTOMER NUMBER:

 $\sim 10^{\circ}$ 

Telephone: (541) -552-6319

REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

EPORT OF ANIMALS U	SED BY OR UNDER	C.	Millipero	D.	Number of animals upon which experiments,	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for what companying pain or distress to the animals and for what constitution analysis, or tranquiliz	F. TOTAL NUMBER
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Dogs				-		+		
Cats		$\perp$		+		+		
. Guinea Pigs		$\perp$		+		$\dashv$		
. Hamsters		4		+				
. Rabbits		1		+		1		
). Non-human Primates	3	+		-				
0. Sheep		$\dashv$		$\dashv$				
1. Pigs								
12. Other Farm Animals		_						
13. Other Animals					0		0	0
Woodrats	2		0		8		0	8_
Deer mice	0		. 0					
•			<u> </u>				of anestetic, analgesic, and tranquilizing drugs, prior to, dur	ing and following actual

- 1) Professionally acceptable standards governing the care, treatment teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

SIGNATURE OF C.E.D. OR INSTITUTIONAL OFFICIAL

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the standards and regulations under the Act, and it has required that exceptions to the standards and regulations to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations to the standards and regulations are standards are standards and regulations are standards are standards. Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions as well as the species and number of eximals effected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Ronald S. Bolstad VP Administration

APHIS FORM 7023 ( AUG 91 )

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

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Mineragency Report Control No Cocy 0180-DOA-AN

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150 1. REGISTRATION NO.

additional information.

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

92-1-001 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

include Zip Code) VETER AN AFFAIRS CENTRA

SIO VERMONT AVE NYO420

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.)

sheets if necessary.		FACIL	ITY LOCATIONS (Siles)		
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REPORT OF ANIMALS USED BY OR I	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs 5. Cats				· · · · · · · · · · · · · · · · · · ·	
6. Guinea Pigs 7. Hamsters		21	68		89
Rabbits     Non-human Primates     Sheep		**************************************			
<ul><li>11. Pigs</li><li>12. Other Farm Animals</li></ul>					
13. Other Animals		100 miles	58	d d	58
				of specthetic, analgesic, and tranquilizing dru	gs, prior to, during,

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and tellowing extra transport to the care treatment and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, ASSURANCE STATEMENTS and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
  - 2). Each principal investigator has considered alternatives to painful procedures.
  - This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal over and tree.

4). The atten animal ca	ding veterinarian for this research facility has approprie are and use.	DOG A DOH FACILITY OFFICIAL	DEC 13 20	\^&
	CERTIFICATION BY (Chief Executive O	HEADQUARTES RESEARCH FACILITY OFFICIAL  officer or Legally Responsible Institutional Official)  above is true, correct, and complete (7 U S C Section 2143)		DATE SIGNED
SIGNATURE OF	C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type)  TAMES TOCHSCH MIDT	MD, MM	11/9/04
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APHIS FOR	M 7023 (Replaces VS FORM 18-23 (OCT 88	B), which is obsolete )		

See reverse side for additional information.

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO. 92-1-001 FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, DPT: OF VETERAN AFFAIRS CENTRA

BIO VERTONT AVE NYOLZO WASHING TON TO beld for these purposes. Alle

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

sheets if necessary.) **FACILITY LOCATIONS (Sites)** 

### 648 VA MEDICAL CENTER 3710 US VETERANS HOSPITALIZO REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adiditional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching, experiments, research, surgery or tests were D. Number of animals upon conducted involving accompanying pain or distress C. Number of B. Number of to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would animals upon which experiments, TOTAL NO. animals being teaching, research, which teaching, OF ANIMALS bred surgery, or tests were **Animals Covered** research, have adversely affected the procedures, results, or conditioned, or By The Animal conducted involving experiments, or held for use in interpretation of the teaching, research, accompanying pain or Welfare Regulations tests were experiments, surgery, or tests. (An explanation of (Cols. C + D + E) teaching, testing, distress to the animals the procedures producing pain or distress in these conducted experiments, and for which appropriate involving no animals and the reasons such drugs were not used research, or anesthetic, analgesic, or pain, distress, or surgery but not must be attached to this report). tranquilizing drugs were use of painyet used for such relieving drugs. used. purposes. Dogs Cats Guinea Pigs Hamsters Rabbits 8. Non-human Primates 10. Sheep 11. Pigs Other Farm Animals 13. Other Animals

APHIS FORM 7023

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, ASSURANCE STATEMENTS and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
  - 2). Each principal investigator has considered alternatives to painful procedures
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animal care and use.	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)	
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# United States Department of the Interior

### FISH AND WILDLIFE SERVICE 1011 E. Tudor Rd.

Anchorage, Alaska 99503-6199

COPY FOR YOUR INFORMATION

Dr. Randy Ridenour Supervisory Animal Care Specialist Western Region, Animal Care U.S. Department of Agriculture Animal and Plant Health Inspection Service 2150 Centre Avenue, Building B, MS #3W11 Ft. Collins, Colorado 80526

Customer #: 1215

Registration #: 96-F-0001

# Dear Dr. Ridenour:

Thank you for your letter of 30 March 2005 requesting clarification for three specific entries: Dall sheep, Ovis dalli, (n=36); wolf, Canis lupus (n=1) and coyote, Canis latrans (n=1). I agree with your conclusion that these data as presented in APHIS form 7023A and the Section entitled "Table E EXPLANATION" are not consistent.

After missing your phone call this morning, I called Dr. V. Wensley Koch, Regional Animal Care Specialist, USDA-Western Region, to discuss the best approach to categorize field methods employed by the Fish and Wildlife Service. All animals referenced in the first paragraph should be categorized under Column E. Specific explanations are provided below.

Ovis dalli (Dall sheep). The 36 individuals that were captured via the use of helicopters and net guns experienced distress during pursuit, capture and handling. Pursuit via a helicopter averaged less than one minute and never exceeded 2 minutes. Times between captures (via a net gun) and nasal administration of Xyzaline were less than 2 minutes. Thus, the total time an individual incurred distress from pursuit, capture and handling was less than 4 minutes. Total handling time was less than 20 minutes. Animals were administered Naltrexone as a reversal agent. In summary, sheep incurred distress from < 1 minute to 4 minutes; consequently, all individuals should be listed under Column E.

Canis lupus (wolf). Research-grade, padded leg-hold traps were not monitored continuously. Traps were checked once or twice within a 24 hour period. Because the individual captured was not in the trap only momentarily, it did incur distress for a period of several hours before immobilization. Therefore, the individual should be listed under Column E.

Dr. Randy Ridenour

Canis latrans (coyote). Research-grade, padded leg-hold traps were not monitored continuously. Traps were checked once or twice within a 24 hour period. Because the individual captured was not in the trap only momentarily, it incurred distress for a period of several hours before immobilization. Therefore, the individual should be listed under Column E.

I appreciate your efforts to describe the discrepancies in the report 30 November 2004. I apologize for the inconvenience the discrepancies between APHIS form 7023 and explanations provided for Column E in my original report caused your office. I was unaware that the American Veterinary Medical Association (AVMA) does not consider thoracic compression to be an acceptable means of euthanasia in small mammals. Thank you for providing the website for the AVMA as a source of information for forthcoming Animal Care and Use Committee in Region 7 (Alaska). I look forward to working with your office as we develop an ACUC by 2006.

Again, thank you for your letter requesting clarification and for your support.

Sincerely,

Eric J. Taylor

Regional Refuge Biologist

cc. V. Wensley Koch, DVM, USDA-APHIS, Animal Care Western Region

its report is required by law (7 USC 2143). Failure to report according to the regulations can sult in an order to cease and desist and to be subject to penalties as provided for in Section 21: UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See attached form for additional information. Palof 2

1. CERTIFICATE NUMBER: 96-F-0001 CUSTOMER NUMBER: 1215

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

**COPY FOR YOUR INFORMATION** 

Us Fish & Wildlife Service 1011 East Tudor Road Anchorage, AK 99503

Telephone: (907) -786-3489

i. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate enesthetic, analgesic, or tranquilizings would have adversely affected the procedures, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C+D+E)
Dogs					
. Cats					·
. Guinea Pigs					
. Hamsters					
3. Rabbits					
9. Non-human Primates	3				
0. Sheep			·		
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances. teaching, testing, surgery, or experimentation were followed by this research facility.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards are standards and regulations are standards as the standards are stand Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief evaluations of the exceptions, as well as the exceptions and purpose of exceptions.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	THE PLANTERS PESFARCH FACILITY OF	TIUML
CERTIF	FICATION BY HEADQUARTERS RESEARCH FACILITY OF	ial)
/ Chie	TCATION BY HEADQUARTERS TO THE INSTITUTION BY HEADQ	مسوردا

DATE SIGNED

SIGNATURE OF C.E.D. OR MSTAUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

(Replaced VS FORM 18-23 (OCT 88), which is obsolete.)

( AUG 91 )

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NO. REGISTRATION NO. 96-R-0001

FORM APPROVED OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, UNIVERSITY OF ALASKA FAIRBANKS include Zip Code)

15

320 SIGNERS' HALL FAIRBANKS, AK 99775-0750

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					or held for these purposes. Attach additional	ıl i
· ·		housed or used in actu	al research,	testing, teaching, or	experimentation, or held for these purposes. Attach additional	
FRONTING FACILITY (List all loca	ations where animals we	ere noused or door				
sheets if necessary.)		FAC	ILITY LOCA	ATIONS(sites)		
NIVERSITY OF ALASKA FAIRB	ANKS					
AIRBANKS, AK 99775				<b></b>		
AIRDANICI,				1		
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PORT OF ANIMALS USED BY OR	UNDER COMME	C. Number of	D. Number	xperiments,	Number of animals upon which     experiments, research, surgery or tests were     experiments, research, surgery or tests were     conducted involving accompanying pain or distress     conducted involving accompanying pain or distress	TOTAL NO. OF ANIMALS
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Į.	curnery but not	pain, distress, or use of pain-	tranqu	ilizing drugs were	must be attached to this report)	
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Oranged Consirrate	_		-+-		5	
Arctic Ground Squirrels		7	l l	1		17

- 17 Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. Caribou ASSURANCE STATEMENTS

  - 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations are required to the standards and regulations are required to the standards and regulations are required to the standards are required to the standa 2) Each principal investigator has considered alternatives to painful procedures. This racinty is aunering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions this summary includes a brief explanation of the exceptions are used to the exceptions. principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary or all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

		addition to identifying the IACUC-approved authorized authorized	ority to ensure the provision of adequate versions	
	41	addition to identifying the IACOC-approved  The attending veterinarian for this research facility has appropriate authors are and use.	TA OU ITY OFFICIAL	Ĭ
	4)	aspects of animal care and use.	HEADQUARTERS RESEARCH FACILITY OFFICIAL  Figure or Legally Responsible Institutional official)	
		CERTIFICATION BY	Sizer or Legally Responsible Institutional Official	
l				DATE SIGNED
١		I certify that the abo	ove is true, correct, and complete (7 U.S.C. Security 1997)  NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	1
١		THE TOWAL OFFICIAL	NAME & TILLE OF SILLION	10/29/2004
t	SIGN	ATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	Paul B. Reichardt, Provost, Institutional Official	
١			Paul B. Reichardt, Flovost, mean	HEADQUARTERS
ŀ	Paul	B. Reichardt	PARI 1 -	MEADWOY!!!
١			sich is obsolete	

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NO. 1. REGISTRATION NO. 15 96-R-0001

FORM APPROVED OMB NO. 0579-0036

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, UNIVERSITY OF ALASKA FAIRBANKS include Zip Code) 320 SIGNERS' HALL

FAIRBANKS, AK 99775-0750

ORT OF ANIMALS USED BY  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	RESEARCH FACILITY ( C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
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inging Voles	38	6			461
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					-
		<del></del>			+
	1				
				e	
		l l		riate use of anesthetic, analgesic, and tranquilizing drugs, p	

### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing surgest to experimentation were followed by this receipt facility. and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	addition to identifying the IACUC-approved exceptions, which appropriate author	rity to ensure the provision of adequate veterinary of	
	addition to identifying the IACUC-approved exceptions,     The attending veterinarian for this research facility has appropriate author aspects of animal care and use.	HEADQUARTERS RESEARCH FACILITY OFFICIAL  Floor of Legally Responsible Institutional official)	
_	CERTIFICATION BY	Gran of Legally Responsible Institutional official)	
			DATE SIGNED
١	I certify that the about	ve is true, correct, and complete (7 U.S.C. Section 2 114)  NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	10/29/2004
L	SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	Mainz Constitutional Official	10/25/2004
ľ	SIGNATURE OF CIE.	Paul B. Reichardt, Provost, Institutional Official	UEADOUARTERS
١	Paul B. Reichardt	PART 1 -	HEADQUARTERS
١	TORM 18-23 (Oct 88), W	hich is obsolete	

his report is required by law (7 USC 2143). Failure to report according to the regulations can sult in an order to cease and desist and to be subject to penalties as provided for in Section 21:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 96-R-0005 CUSTOMER NUMBER: 1693

See attached form for

additional information.

FORM APPROVED

OMB NO. 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

S.A.A.M.S. Alaska Sealifecenter P. O. Box 1329 Seward, AK 99664

Telephone: (907) -224-6300

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

EPORT OF ANIMALS U	SED BY OR UNDER C	ONTROL OF RESEAR	D. Number of animals upon	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving	F.
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	Number or armines spowhich experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	research, surgery or tests were conducted structuring secompanying pain or distress to the animals and for who accompanying pain or distress to the animals and for who the use of appropriate anesthetic, analgesic, or tranquilized ungs would have adversely affected the procedures, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasing such drugs were not used must be attached to this report	(COLUMNS
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. Hamsters					
B. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs		<u> </u>			
12. Other Farm Animals					
					3
13. Other Animals			3		1 7
Steller Sea Lions		7		8	
Harbor Seals Juvenile Ste			8		

(AUG 91)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual re-ASSURANCE STATEMENTS teaching, testing, surgery, or experimentation were followed by this research facility.

  - 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summar brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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brief explanation of the example of this research facility has appropriate authority  4) The attending veterinarian for this research facility has appropriate authority	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  Officer of Lengthy Responsible Institutional Official )	
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	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	linkel
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